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Par 593-60/Z  
November 1960

JOINT PHOTOGRAPHIC INTELLIGENCE OAR REPORT

MISSION G 3002

27 OCTOBER 1960



ARMY



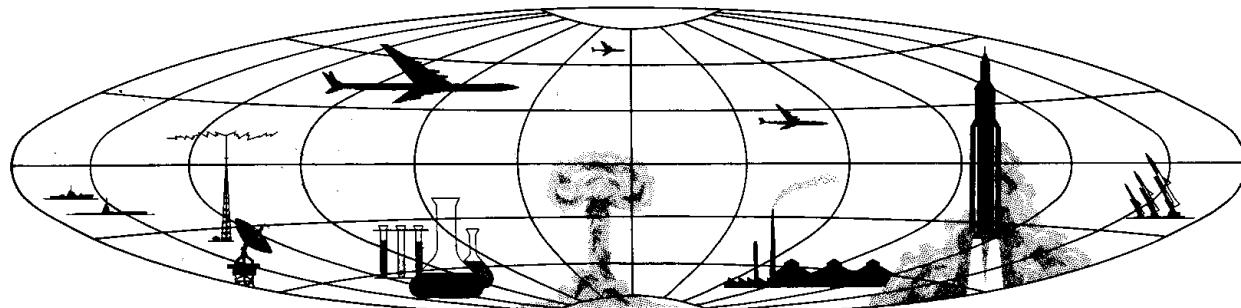
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## MISSION G 3002

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JOINT PHOTOGRAPHIC INTELLIGENCE

OAR REPORT

PREFACE

WARNING: It should be noted that the following photographic intelligence report on Cuba is classified TOP SECRET [redacted] and is to be handled in the TALENT Control System. This report may NOT be released from TALENT Controls under the provisions of COMOR-D-24 [redacted]; however, the individual items of information on pages 1 through 61 have been prepared in a semi-sanitized fashion so as to facilitate ready transmittal of significant selected items to field commands, should this become necessary.

This report provides a partial listing of items of intelligence interest in Cuba. Since recent observation was limited to approximately 50 percent of the area, additional surveillance will be necessary to obtain a complete target listing.

As of 27 October 1960, none of the following items was observed in those areas subject to surveillance -- antiaircraft batteries, surface-to-surface missile installations, troop concentrations, USSR aircraft, and USSR tanks.

Approximately 190 airfields, varying from sod landing grounds to those with surfaced runways, are contained in the listing. This includes those airfields which have been abandoned or could not be located, but does not contain 24 airfields whose existence could be neither confirmed nor denied. In all, 118 aircraft were observed, of which 95 could be positively identified by type. Aircraft observed included 16 bombers (B-26 and TBM), 6 fighters (Hawker Sea Fury), 26 transports, 11 trainers, and 26 light aircraft (Piper and Cessna 310).

Items are arranged in this listing by WAC, within WAC by subject, and within subject by degree square reading from south to north and from east to west.

An explanation of the column headings used in the listing is contained in the appendix.

**TOP SECRET**

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7

25X1

PAR 593-60/Z

#### TABLE OF CONTENTS

<u>WAC 585</u>	<u>Page</u>	<u>WAC 587</u>	<u>Page</u>
Electronics . . . . .	1	Electronics . . . . .	53
Airfields. . . . .	1	Airfields. . . . .	53
Military Installations . . . . .	7	Military Installations . . . . .	56
Storage . . . . .	7	Storage . . . . .	56
Industry . . . . .	8	Industry . . . . .	56
Basic Services . . . . .	12	Basic Services . . . . .	57
Urban Complexes . . . . .	12	Urban Complexes . . . . .	57
Miscellaneous . . . . .	14	Miscellaneous . . . . .	59

<u>WAC 586</u>	<u>WAC 647</u>
Electronics . . . . .	15
Airfields. . . . .	18
Military Installations . . . . .	31
Storage . . . . .	33
Industry . . . . .	35
Basic Services . . . . .	47
Urban Complexes . . . . .	48
Miscellaneous . . . . .	52

Subject Index . . . . .	63
Appendix . . . . .	81

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
**TOP SECRET** [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
SANTIAGO DE CUBA MICROWAVE SITE SITE NOT LOCATED.	2001N 07550W	0585		76G	2A
PALMA SORIANO MICROWAVE STATION JUST W OF PALMA SORIANO.	2013N 07600W	0585		54D	2A
HOLGUIN MICROWAVE SITE NO MICROWAVE DISHES EVIDENT ON TOWERS IN THIS AREA. HOWEVER, NINE LOCAL STANDARD BROADCASTING TOWERS OBSERVED.	2053N 07617W	0585		34	2A
VICTORIA DE LAS TUNAS, RADIO STATION 1.3 NM SE OF VICTORIA DE LAS TUNAS.	2057N 07656W	0585		81A	2B
VICTORIA DE LAS TUNAS, RADIO STATION 1.8 NM NE OF VICTORIA DE LAS TUNAS.	2059N 07656W	0585		81B	2B
MANATI MICROWAVE STATION	2118N 07656W	0585		45B	2A
IMIAS AFLD 1 NM NNE OF IMIAS. OBSTRUCTION ACROSS RUNWAY. UNSERVICEABLE.	2005N 07437W	0585		35	3
MOA BAY MINING CO AFLD 3,050 X 155 FT NE/SW SOD RUNWAY. ROAD- SERVED FIELD WITH 300-FT OVERRUN ON MARSHY GROUND AT NE END. FACILITIES INCLUDE PROBABLE LANDING LIGHTS AND THREE SMALL BUILDINGS.	2039N 07455W	0585		51A	3
SANTIAGO DE CUBA SEAPLANE STATION	2001N 07550W	0585	[REDACTED]	76F	3
SANTIAGO DE CUBA AFLD ON NW EDGE OF SANTIAGO DE CUBA. 3,650 X 100 FT ESE/WNW SOD RUNWAY. 2,800 X 100 FT NNW/SSE SOD RUNWAY. AIRFIELD APPEARS TO BE ABANDONED. RUNWAYS ARE OVERGROWN. FIELD IS	2002N 07550W	0585		76E	3

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TOP SECRET [REDACTED]

25X1

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City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
FLANKED ON TWO SIDES BY RESIDENTIAL DEVELOPMENTS.					
LOS CANOS AFLD 4 NM SE OF GUANTANAMO (CITY). 8,100 X 150 FT SSE/NNW, CONCRETE RUNWAY. 50-FOOT-WIDE TAXIWAYS TO 475 X 75 FT CONCRETE APRON. TWO BLDGS 100 X 25, 25 X 25. FOUR POL TANKS. AIRCRAFT--1 PIPER, 1 STEARMAN T-13.	2004N 07509W	0585	[REDACTED]	25X1	3
GUANTANAMO AREA, TENIENTE MORLOTE AFLD 1 NM NE OF GUANTANAMO CITY. 3,400 X 70 FT NE/SW BLACKTOP RUNWAY. AIRCRAFT--ONE PIPER LIAISON.	2011N 07511W	0585	[REDACTED]	32A	3
MIRANDA AFLD 1,500 X 100 FT NE/SW SOD RUNWAY. DIMENSIONS ARE FOR MARKED LANDING AREA. SERVICEABLE, RUNWAY MARKED ON SOD LANDING AREA.	2023N 07555W	0585		50A	3
SAN BENITO AREA LANDING FIELD 3.1 NM NE OF SAN BENITO. E/W GRAVEL RUNWAY. AIRFIELD PROBABLY INACTIVE. RUNWAY ORIGINALLY 3,600 X 125 FT. E END DETERIORATED, LIMITING USABLE LENGTH TO 3,000 FT.	2025N 07531W	0585		91	3
LA CAMPANA AIRSTRIP JUST NW OF LA CAMPANA. 1,500 X 45 FT ESE/WNW SOD RUNWAY.	2026N 07509W	0585		87	3
CALABAZAS AIRSTRIP 1,000 X 45 FT NNE/SSW SOD RUNWAY. HAS 450-FT OVERRUN AT BOTH ENDS OF RUNWAY. FIELD HAS TWO HANGARS, 45 X 35 FT AND 35 X 30 FT.	2028N 07522W	0585		86	3

25X1

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City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
MARCANE AIRSTRIP SE EDGE OF MARCANE. 1,950 X 110 FT NE/SW SOD RUNWAY.	2033N 07556W	0585		48A	3
MAYARI, NEW AFLD 1 NM W OF MAYARI. 2,800 X 100 FT NE/SW SOD RUNWAY. AIRCRAFT--1 PROBABLE STEARMAN.	2039N 07541W	0585		90A	3
CUETO AFLD EXCAVATIONS AND SCRUB GROWTH ON RUNWAY. AIRFIELD ABANDONED.	2039N 07555W	0585		21	3
CEBOLLA NEW AFLD NE/SW SOD RUNWAY.	2040N 07510W	0585		95	3
CAYO MAMBI AFLD .25 NM N OF CAYO MAMBI. 2,500 X 125 FT E/W SOD RUNWAY. TWO SMALL STRUCTURES AT EAST END OF LANDING STRIP.	2041N 07515W	0585		16A	3
LENGUA DE PAJAROS (NICARO) AIRFIELD ENE/WSW SOD RUNWAY. AIRFIELD EQUIPPED WITH LANDING LIGHTS BUT NO MAINTENANCE OR SERVICING FACILITIES. UNIMPROVED ROAD LEADS FROM FIELD TO TOWN. AIRCRAFT--ONE TWIN-ENGINE BEECHCRAFT-TYPE.	2041N 07532W	0585		40A	3
PRESTON AFLD 1.5 NM S OF PRESTON. 4,000 X 120 FT NE/SW, ASPHALT AND OILED SAND RUNWAY.	2044N 07540W	0585	[REDACTED]	25X1 59A	3
SAETIA AFLD 2,800 X 50 FT NE/SW SOD RUNWAY.	2047N 07534W	0585		93	3
ANTILLA AFLD 1 NM NE OF ANTILLA. AIRFIELD IN POOR STATE OF REPAIR. ENE END OF DIRT RUNWAY APPEARS OVERGROWN WITH SOD.	2050N 07544W	0585		2A	3

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25X1

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City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
ANTILLA SEAPLANE STATION	2050N 07544W	0585	[REDACTED]	25X1 2B	3
BANES AFLD ENE/WSW RUNWAY. PROBABLY ABANDONED.	2057N 07543W	0585		9A	3
SANTA ROSA, AFLD WESTERN EDGE OF SANTA ROSA. 1,700 X 50 FT ENE/WSW SOD RUNWAY. AFLD HAS ONE HANGAR.	2010N 07646W	0585		98	3
PALMA SORIANO AREA, CENTRAL PALMA AFLD 1.2 NM NW OF PALMO SORIANO. SOD LANDING AREA, SERVICEABLE, INACTIVE.	2014N 07600W	0585		54C	3
YARA (CENTRAL SOFIA) AIRFIELD 2.1 NM N OF YARA. POSSIBLE SOD LANDING GROUND, DOES NOT APPEAR ACTIVE.	2019N 07657W	0585		97A	3
BAYAMO AREA, NEW AFLD 1.5 NM NE OF BAYAMO. 5,000 X 52 FT E/W CRUSHED-STONE RUNWAY. HAS PROBABLY REPLACED BAYAMO AIRFIELD AS MAIN AIRFIELD SERVING BAYAMO. AIRCRAFT--7 PIPER, 1 STEARMAN PT-13	2023N 07638W	0585		11D	3
BAYAMO AFLD 2 NM NE OF BAYAMO. 3,500 X 50 FT E/W SOD RUNWAY.	2024N 07637W	0585	[REDACTED] 25X1 1A		3
BAYAMO AFLD NO 2 4 NM NW OF BAYAMO. 2,200 X 90 FT N/S SOD RUNWAY.	2027N 07642W	0585		11A	3
BAYAMO NORTHEAST AFLD 9 NM NE OF BAYAMO. 2,100 X 80 FT ENE/WSW SOD RUNWAY. INACTIVE, RUNWAY NOT USABLE.	2029N 07631W	0585		11C	3
PASTOR LANDING FIELD 3.5 NM SE OF RIO CAUTO. 2,700 X 100 FT	2030N 07651W	0585		3	3

25X1

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City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
NNE/SSW PROB GRAVEL RUNWAY. SMALL HANGAR AT NORTH END OF AIRFIELD.					
PASO LA YAYA AREA, NEW AFLD 3.5 NM ESE OF PASO LA YAYA. 2,500 X 80 FT E/W SOD-DIRT RUNWAY.	2032N 07619W	0585		94B	3
PASO LA YAYA AREA, U/I AFLD ENE EDGE OF PASO LA YAYA. 2,000 X 60 FT NE/SW SOD-DIRT RUNWAY.	2033N 07622W	0585		94	3
PASO LA YAYA AREA, WEST AFLD JUST W OF PASO LA YAYA. FORMER SOD FIELD NOW UNSERVICEABLE.	2033N 07623W	0585		94A	3
RIO CAUTO, NEW AIRFIELD 2,850 X 100 FT NE/SW SOD RUNWAY.	2033N 07653W	0585		66A	3
SAN GERMAN AFLD 1 NM SSE OF SAN GERMAN. 2,400 X 75 FT NE/SW SOD RUNWAY. 2,400 X 75 FT SE/NW SOD RUNWAY. ONE T-SHAPED HANGAR 45 X 30 FT AT NW END OF SE/NW RUNWAY.	2035N 07608W	0585		70A	3
SAN PEDRO DE CACOCUM AREA, POSSIBLE AFLD U/C APPROX 8 NM S OF SAN PEDRO DE CACOCUM. 2 PROBABLE GRADERS ON 2,000 FT STRIP.	2036N 07618W	0585		72B	3
ROBAINA GONZALEZ AFLD 1.5 NM SSW OF ROBAINA GONZALEZ. 3,000 X 150 FT E/W SOD RUNWAY. DELINEATED AREA FOR LANDING STRIP IS 11,000 X 300 FT. HOWEVER, ONLY 3,000 X 150 FT APPEARS TO BE USED. ONE STRUCTURE AT W END OF STRIP.	2037N 07630W	0585		92	3
GUAMO EMBARCADERO AFLD NO AIRFIELD OBSERVED AT THIS LOCATION.	2037N 07658W	0585		96	3

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25X1

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City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
BAGUANOS AFLD 1,540 X 250 FT WNW/ESE SOD RUNWAY. POSSIBLE LANDING AREA FOR LIGHT AIRCRAFT. THERE IS A BASEBALL FIELD AT ONE END OF THE AREA, BUT LIGHT AIRCRAFT COULD STILL LAND THERE.	2045N 07601W	0585		5	3
PALO DE DIABLO AIRSTRIP 1.5 NM NW OF PALO DE DIABLO. 1,950 X 100 FT E/W GRADED-EARTH RUNWAY.	2045N 07610W	0585		85	3
CUPEY AFLD AIRFIELD RETURNED TO CULTIVATION.	2045N 07634W	0585		22	3
HOLGUIN AFLD 3,300 X 130 FT NE/SW GRAVEL RUNWAY. RUNWAY HAS 1,000 X 70 FT SOD OVERRUN ON NE END. TAXIWAY HAS SOD SURFACE. FIELD HAS ADMINISTRATION BLDG 65 X 30 FT WITH CONTROL STRUCTURE ON ROOF. NAVIGATIONAL AIDS INCLUDE RADIO BEACON AT SW END OF RUNWAY AND AIR-GROUND COMMUNICATIONS NEAR ADMINISTRATION BLDG.	2048N 07618W	0585	[REDACTED]	25X1 34C	3
HOLGUIN, GRAVE B. PERALTA AFLD NO AIRFIELD OBSERVED AT THIS LOCATION.	2053N 07615W	0585		34D	3
VICTORIA DE LAS TUNAS, LANDING STRIP 1 NM W OF VICTORIA DE LAS TUNAS. 3,000 X 200 FT NE/SW SOD RUNWAY.	2058N 07659W	0585		81C	3
VICTORIA DE LAS TUNAS AFLD 1 NM NE OF VICTORIA DE LAS TUNAS. 3,000 X 190 FT NE/SW SOD RUNWAY.	2059N 07656W	0585		81	3
SANTA LUCIA SOUTH AFLD S SIDE OF SANTA LUCIA. 3,000 X 120 FT ENE/WSW SOD RUNWAY. RUNWAY HAS BEEN	2101N 07600W	0585		75	3

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
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25X1

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City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
LENGTHENED AND ORIENTATION CHANGED SLIGHTLY SINCE AMS SERIES E723, SHEET 5079 III.					
SANTA LUCIA CENTRAL AREA, SANTA LUCIA AFLD 1 NM SW OF SANTA LUCIA. AIRFIELD NOT LOCATED.	2101N 07601W	0585		75C	3
SANTA LUCIA NORTH AFLD 2 NM N OF SANTA LUCIA. OVERGROWN WITH VEGETATION.	2105N 07600W	0585		75A	3
DELICIAS AFLD NO AIRFIELD LOCATED AT THESE COORDINATES.	2111N 07630W	0585		23B	3
MANATI CENTRAL AFLD JUST E OF MANATI. 3,500 X 110 FT E/W SOD RUNWAY.	2118N 07655W	0585		45A	3
SAN LUIS MILITARY ACTIVITY NO MILITARY ACTIVITY OBSERVED.	2011N 07551W	0585		71A	4
SIERRA MAESTRA MILITARY ACTIVITY SMALL AND SCATTERED BLDGS THROUGHOUT THE MOUNTAINS. TWO ROADS U/C.	2000N 07645W	0585		77	4
HOLGUIN MILITARY DEFENSES NONE OBSERVED.	2053N 07617W	0585		34B	4B
HOLGUIN RIFLE RANGE	2053N 07617W	0585		34G	4A
MANZANILLO MILITARY DEFENSES NEAR VILLAGE OF SANTA MARIA. NO MILITARY ACTIVITY NOTED.	2104N 07654W	0585		47	4B
SANTIAGO DE CUBA POL STORAGE	2001N 07550W	0585		76I	5C

25X1

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**TOP SECRET**

25X1

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			BE	OAR	
SANTIAGO DE CUBA, SHELL POL STORAGE	2002N 07550W	0585		76J	5C
SANTIAGO DE CUBA POL STORAGE	2002N 07550W	0585		76K	5C
GUANTANAMO POL STORAGE	2009N 07512W	0585		32C	5C
SAGUA DE TANAMO, POL STORAGE	2035N 07514W	0585		68	5C
PRESTON POL STORAGE	2045N 07539W	0585		55B	5C
ANTILLA POL STORAGE	2049N 07544W	0585		2C	5C
ANTILLA POL STORAGE (SINCLAIR) 1 NM NE OF ANTILLA.	2049N 07544W	0585		2D	5C
BANES, STORAGE AREA	2058N 07542W	0585		9C	5D
SAN PEDRO DE CACOCUM POL STORAGE 2 POL TANKS.	2044N 07619W	0585		72A	5C
HOLGUIN STORAGE AREA 4 STORAGE BLDGS, FENCED AREA.	2052N 07618W	0585		34H	5D
PUERTO PADRE POL STORAGE 2.5 NM NE OF PUERTO PADRE.	2114N 07633W	0585		61A	5C
PUERTO MANATI POL STORAGE	2121N 07649W	0585		59A	5C
CANETE AREA, POTOSI CHROME MINE MINING AREA, ACTIVE.	2033N 07446W	0585		14A	6A
CAYO-GUAM CHROMITE MINES	2034N 07451W	0585		15	6A
MOA BAY NICKEL MINING	2038N 07456W	0585		51	6A
SANTIAGO DE CUBA OIL REFINERY 3 NM WSW OF SANTIAGO DE CUBA.	2000N 07552W	0585		76H	6J

25X1

**TOP SECRET**

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25X1

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City, Installation	Coordinates	WAC	Target Numbers		Sbj
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GUANTANAMO SALINAS (SEA SALT PRODUCER) 7-10 NM SE OF GUANTANAMO	2001N 07511W	0585		32D	6A
QUINTO MANGANESE MINES ORE-PROCESSING FACILITIES HAVE DETERIORATED. RAIL LINE HAS BEEN DISMANTLED AND THE RAILROAD BRIDGES REMOVED.	2007N 07543W	0585		65	6A
SANTA CECILIA SUGAR MILL 3 NM E OF GUANTANAMO CITY. APPEARS TO BE INACTIVE.	2008N 07509W	0585		74	6J
ALGODONAL SUGAR MILL	2008N 07544W	0585		1	6J
ROMELIE SUGAR MILL	2010N 07505W	0585		67	6J
SAN ANTONIO SUGAR MILL	2011N 07503W	0585		69	6J
BAIRE AREA, ERMITA SUGAR MILL 2 NM E OF BELONA.	2011N 07525W	0585		7	6J
LA BELONA AREA, BALTONY SUGAR MILL 2 NM W OF BELONA.	2011N 07530W	0585		39	6J
SAN LUIS AREA, UNION SUGAR MILL 1 NM NE OF SAN LUIS.	2011N 07550W	0585		71	6J
ESPERANZA SUGAR MILL 3 NM NE OF GUANTANAMO.	2012N 07510W	0585		27	6J
DOS CAMINOS AREA, BORJITA SUGAR MILL 1 NM N OF DOS CAMINOS.	2012N 07547W	0585		24	6J
ISABEL SUGAR MILL 1.4 NM NNE OF JAMAICA.	2013N 07508W	0585		36	6J

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			BE	OAR	
SOLEDAD SUGAR MILL	2013N 07514W	0585		78	6J
SANTA ANA, AUZA SUGAR MILL	2015N 07553W	0585		4	6J
PALMA SORIANO SUGAR MILL IMMEDIATELY NW OF PALMA SORIANO.	2015N 07553W	0585		54	6J
MIRANDA SUGAR MILL	2022N 07555W	0585		50	6J
MAYRI AREA, WOODFRED MINES STRIP MINING, RAIL SERVED.	2034N 07543W	0585		90	6A
MARCANE, ALTO CEDRO SUGAR MILL	2034N 07557W	0585		48	6J
NICARO NICKEL MINING AREA	2038N 07536W	0585		52A	6A
CAYO MAMBI AREA, TANAMO SUGAR MILL	2040N 07516W	0585		16	6J
MAYARI AREA, CALEDONIA CHROMITE MINE NOT LOCATED.	2041N 07541W	0585		12	6A
NICARO NICKEL PLANT	2042N 07533W	0585		52	6J
FELTON, BETHLEHEM-CUBA IRON MINES	2045N 07535W	0585		29	6A
PRESTON SUGAR MILL APPEARS INACTIVE.	2045N 07539W	0585		55	6J
TACAJO AREA, SUGAR MILL .8 NM E OF TACAJO. APPEARS INACTIVE.	2051N 07557W	0585		79	6J
MACABI AREA, BOSTON SUGAR MILL	2054N 07543W	0585		42	6J
YARA AREA, ESTRADA PALMA SUGAR MILL 6.2 NM SSE OF YARA.	2000N 07657W	0585		97B	6J

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			BE	OAR	
LOS CANOS SUGAR MILL 6 NM SE OF GUANTANAMO	2003N 07609W	0585		41	6J
ZARZAL AREA, ESTRADA PALMA SUGAR MILL 2 NM SSW OF ZARZAL.	2010N 07657W	0585		83	6J
CHARCO REDONDO MANGANESE MINES	2016N 07625W	0585		18	6A
PUEBLO XAVIER ORIENTE SUGAR MILL APPROX 6 NM NW OF PALMA SORIANO.	2018N 07605W	0585		56	6J
CONTRAMAESTRO AREA, AMERICA SUGAR MILL	2018N 07614W	0585		19	6J
YARA AREA, SOFIA SUGAR MILL 2.5 NM N OF YARA.	2019N 07657W	0585		97	6J
JULIA AREA, MABAY SUGAR MILL	2021N 07647W	0585		38	6J
RIO CAUTO SUGAR MILL	2033N 07655W	0585		66	6J
SAN GERMAN SUGAR MILL	2036N 07608W	0585		70	6J
BAGUANOS SUGAR MILL	2045N 07602W	0585		5A	6J
SAN PEDRO DE CACOCUM SUGAR MILL	2045N 07623W	0585		72	6J
MACEO SUGAR MILL	2045N 07630W	0585		43	6J
SANTA LUCIA SUGAR MILL	2102N 07600W	0585		75B	6J
CHAPARRA SUGAR MILL	2109N 07628W	0585		17	6J
DELICIAS SUGAR MILL	2110N 07634W	0585		23	6J
MANATI SUGAR MILL	2118N 07656W	0585		45	6J

25X1

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25X1

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			BE	OAR	
SANTIAGO DE CUBA POWER PLANT	2001N 07550W	0585		76D	7E
CHAPARRA POWER PLANT	2109N 07628W	0585		17A	7E
DELICIAS POWER PLANT	2110N 07634W	0585		23A	7E
GIBARA AREA, ROAD CONSTRUCTION 5.5 NM NW OF GIBARA. ROAD RUNNING ALONG COAST BEING EXTENDED NW FROM GIBARA.	2111N 07612W	0585		31A	7A
SAN ANTONIO DEL SUR URBAN COMPLEX THE ONLY MILITARY ACTIVITY OBSERVED IN THE AREA WAS A POSSIBLE FORMATION OF TROOPS ON ROAD LEADING EASTWARD FROM THE VILLAGE.	2003N 07449W	0585		84	8
CANETE BAHIA DE YAMANIGUEY PORT FACILITIES	2035N 07444W	0585		14	8
PUNTA-GORDA PORT FACILITIES	2038N 07451W	0585		88	8
PUERTO CAYO MOA PORT FACILITIES	2040N 07456W	0585		57	8
SANTIAGO DE CUBA PORT FACILITIES NUMEROUS PIERS AND OTHER HANDLING FACILITIES. ONE FREIGHTER, ONE U/I SHIP, AND NUMEROUS SMALL CRAFT.	2001N 07550W	0585		76	8
SANTIAGO DE CUBA URBAN COMPLEX NO MILITARY ACTIVITY APPARENT.	2001N 07553W	0585		76L	8
GUANTANAMO URBAN COMPLEX NO MILITARY UNITS OBSERVED.	2009N 07513W	0585		32E	8
CAYO MAMBI PORT FACILITIES ONE WHARF.	2040N 07517W	0585		16B	8
BAHIA CANANOVA PORT FACILITIES	2041N 07506W	0585		6	8

25X1

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25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
PUNTA GORDA PORT FACILITIES	2041N 07520W	0585		80	8
LENGUA DE PAJAROS PORT FACILITIES	2043N 07533W	0585		40	8
PUNTA CARENERITO PORT FACILITIES	2044N 07528W	0585		64	8
PRESTON PORT FACILITIES	2046N 07539W	0585		55C	8
ANTILLA PORT FACILITIES 1 MERCHANT SHIP TIED UP ALONGSIDE QUAY.	2049N 07544W	0585		2	8
BANES PORT FACILITIES 3 NM S OF BANES.	2055N 07542W	0585		9	8
PALMA SORIANO URBAN COMPLEX LOWBOY-TYPE TRUCK AND OTHER VEHICLES ARE LOCATED IN WHAT APPEARS TO BE A SMALL FABRICATION PLANT.	2013N 07600W	0585		54A	8
BAYAMO URBAN COMPLEX NO MILITARY ACTIVITY NOTED.	2023N 07639W	0585		11E	8
HOLGUIN URBAN COMPLEX	2053N 07617W	0585		34F	8
PUERTO VITA PORT FACILITIES 3 1/2 NM NE OF SANTA LUCIA. ONE POSSIBLE FREIGHTER AT PIER.	2105N 07557W	0585		63	8
PUERTO SAMA PORT FACILITIES	2107N 07546W	0585		62	8
GIBARA PORT FACILITIES	2106N 07607W	0585		31	8
PUERTO PADRE URBAN COMPLEX NO CHANGE SINCE AMS SERIES E723, SHEET 4879I, DATED 1957.	2112N 07636W	0585		61B	8

25X1

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TOP SECRET

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
PUERTO PADRE PORT FACILITIES THIS COMPLEX HAS NOT CHANGED SINCE 1957, AMS SERIES E723, SHEET 4879 I.	2114N 07633W	0585		61	8
PUERTO MANATI PORT FACILITIES 7 NM NE OF MANATI. ONE CARGO SHIP.	2121N 07649W	0585		59	8
CONTRAMAESTRE, BARRACKS AND STORAGE AREA 10 SINGLE-STORY BLDGS, 1 U/C. NO APPARENT MILITARY SIGNIFICANCE.	2021N 07614W	0585		19A	0
HOLGUIN CIVIC INSTITUTE	2053N 07619W	0585		34E	0

25X1

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25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
MARCHENA AREA, PROBABLE RADIO STATION ANTENNA WITH SMALL BLDG ATOP HILL.	2117N 07743W	0586		114A	2B
CAMAGUEY RADIO STATION 1.4 NM SE OF CAMAGUEY RR YARDS. STANDARD BROADCAST STATION CONSISTING OF 3 BLDGS AND ONE SELF-SUPPORTING LATTICE TOWER.	2122N 07753W	0586		27H	2B
CAMAGUEY RADIO STATION 4 NM SE OF CAMAGUEY. STANDARD BROADCAST STATION ON TOP OF HILL CONSISTING OF A GUYED LATTICE TOWER AND A CONTROL BLDG.	2123N 07755W	0586		27A	2B
CAMAGUEY, PROBABLE RADIO STATION .8 NM E OF CAMAGUEY POL STORAGE. PROB MEDIUM-FREQUENCY STANDARD BROADCAST LOCAL RADIO STATION.	2123N 07757W	0586		27G	2B
FLORIDA MICROWAVE STATION SW EDGE OF FLORIDA. MICROWAVE TOWER AND BUILDING.	2131N 07814W	0586		74B	2A
CIESO COROJO MICROWAVE STATION SE EDGE OF TOWN. STATION HAS 2 TOWERS AND 3 BLDGs. ONE TOWER IS PROBABLY FOR MEDIUM- FREQUENCY RADIO BROADCASTING. THE OTHER SUPPORTS 4 MICROWAVE DISHES.	2141N 07827W	0586		258A	2A
JATIBONICO RADIO STATION NE EDGE OF TOWN.	2157N 07910W	0586		94C	2B
SANTA CLARA RADIO STATION 4 NM S OF SANTA CLARA. MEDIUM-FREQUENCY BROADCASTING STATION.	2220N 07958W	0586		177G	2B
SANTA CLARA MICROWAVE SITE NOT LOCATED. HOWEVER, NINE LOCAL BROADCAST	2222N 07958W	0586		177F	2A

25X1

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TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
STATIONS AND ONE TELEVISION STATION ARE LOCATED IN AREA.					
COLON AREA, RADIO STATION 1 NM SE OF COLON. STATION CONSISTS OF A SINGLE GUYED RADIATOR (FOR STANDARD BROADCAST), A SMALL CONTROL BUILDING, AND TWO LARGER BUILDINGS.	2242N 08053W	0586		54A	2B
COLISEO, MICROWAVE TOWER ON HILL JUST NW OF COLISEO.	2255N 08119W	0586		223	2A
MADRUGA, MICROWAVE RELAY STATION 1 NM NE OF MADRUGA. INSTALLATION CONSISTS OF A TOWER AND TWO BUILDINGS.	2255N 08150W	0586		109B	2A
HAVANA AREA, RADIO TRANSMITTING STATION 5.5 NM WSW OF SANTIAGO DE LAS VEGAS.	2256N 08229W	0586		86F	2B
BAUTA AREA, COMMUNICATION STATION U/C 2 NM S OF BAUTA. STATION CONSISTS OF A COMPLETED CONTROL BUILDING, A POSSIBLE COOLING POND U/C, AND ONE RHOMBIC ANTENNA. NO DISSIPATION LINE WAS OBSERVED IN ASSOCIATION WITH THE RHOMBIC ANTENNA. TWO TOWERS, PROBABLY SELF-SUPPORTING, ARE LOCATED ON THE OPPOSITE SIDE OF THE CONTROL BLDG FROM THE RHOMBIC ANTENNA. THEIR FUNCTION CANNOT BE DETERMINED AT THIS TIME.	2257N 08232W	0586		22B	2A
MATANZAS, PROBABLE MICROWAVE TOWER JUST NW OF MATANZAS.	2301N 08132W	0586		120K	2A
MATANZAS MICROWAVE SITE 1 NM N OF MATANZAS. SITE HAS 2 TOWERS AND 1 BUILDING.	2304N 08134W	0586		120A	2A

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
HERSHEY CENTRAL, COMMUNICATIONS SITE 1.5 NM S OF HERSHY SUGAR MILL. HAS TWO TOWERS. IS PROBABLY THE SANTA CRUZ DEL NORTE MICROWAVE STATION.	2306N 08157W	0586		87B	2A
CANASI, MICROWAVE STATION	2307N 08147W	0586		224A	2A
HAVANA AREA, RADIO STATION 2 NM NNW OF WAJAY. STATION HAS A CENTRAL CONTROL BUILDING AND TWO GUYED LATTICE ANTENNAS. IT IS A PROBABLE MEDIUM-FREQUENCY STANDARD BROADCAST STATION.	2302N 08226W	0586		86A4	2B
HAVANA AREA, RADIO STATION 2.5 NM NE OF PUNTA BRAVO IN SW HAVANA. STATION CONSISTS OF A PAIR OF TALL SELF- SUPPORTING LATTICE MASTS WHICH PROBABLY SUPPORT A DIPOLE, 2 SHORTER SELF-SUPPORTING LATTICE TOWERS, AND 3 BUILDINGS.	2303N 08228W	0586		86A6	2B
HAVANA AREA, RADIO STATION 3 NM E OF LIBERTAD. THIS STATION CONSISTS OF A LARGE BUILDING (WHICH MAY HOUSE STUDIOS), A CONTROL BUILDING, AND A SUPPORT BUILDING. THE ANTENNA IS A TALL SELF- SUPPORTING LATTICE TOWER.	2304N 08223W	0586		86A8	2B
HAVANA AREA, RADIO STATION 3 NM NE OF PUNTA BRAVA IN SW HAVANA. STANDARD BROADCAST STATION CONSISTING OF A CONTROL BUILDING AND TWO GUYED LATTICE MASTS.	2304N 08229W	0586		86A7	2B
HAVANA, MICROWAVE STATION NATIONAL OBSERVATORY MICROWAVE STATION.	2308N 08210W	0586		86Y	2A

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
RADIO STATION, LA CABANA, HAVANA .5 NM E OF LA CABANA. STANDARD BROADCAST RADIO STATION WITH TWO GUYED LATTICE TOWERS, TWO SHORT SELF-SUPPORTING TOWERS, AND A CONTROL BUILDING.	2309N 08220W	0586		86A9	2B
HAVANA, RADIO STATION INSTALLATION HAS TWO VERTICAL RADIATORS AND AN ASSOCIATED BUILDING.	2309N 08220W	0586		86Z	2B
HAVANA, CIUDAD MILITAR MICROWAVE SITE AREA APPEARS TO HAVE A COMPLEX OF BUILDINGS WITH A SELF-SUPPORTING TOWER ATOP THE MAIN BUILDING.	2309N 08222W	0586		86G	2A
HAVANA, ARMED FORCES MICROWAVE SYSTEM INSTALLATION CONSISTS OF A TALL SELF- SUPPORTING LATTICE TOWER SURROUNDED BY SEVERAL LARGE MULTISTORY BUILDINGS.	2309N 08222W	0586		86H	2A
NIQUERO AFLD 1 NM S OF NIQUERO. 3,100 X 150 FT SSE/NNW SOD RUNWAY.	2002N 07735W	0586		132	3
CAMPACHUELA AFLD 1.5 NM SW OF CAMPECHUELA. 3,200 X 250 FT ENE/WSW SOD RUNWAY.	2013N 07718W	0586		29	3
MANZANILLO AFLD JUST SW OF MANZANILLO. 3,000 X 200 FT SSE/NNW SOD RUNWAY. AIRFIELD HAS FOUR BLDGs. AIRCRAFT--FOUR POSSIBLE.	2019N 07708W	0586		125X1	3
MANZANILLO SEAPLANE STATION JUST W OF MANZANILLO, IN CAIMAUERA BAY.	2021N 07707W	0586		113A	3

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
SAN FRANCISCO DE LAS CABEZADAS, NEW AFLD 2,750 X 100 FT E/W SOD RUNWAY.	2036N 07704W	0586		256	3
GUANARES LANDING FIELD 4,300 X 50 FT NE/SW SOD RUNWAY. RUNWAY APPEARS TO BE DETERIORATING BUT IS PROBABLY STILL USABLE FOR LIAISON-TYPE AIRCRAFT.	2042N 07710W	0586		252	3
CAYO JICOTEA LANDING FIELD 2,800 X 50 FT NE/SW DIRT RUNWAY. RUNWAY DETERIORATING, APPEARS RUTTED.	2045N 07717W	0586		36	3
MACARENO LANDING FIELD 3,200 X 300 FT NE/SW SOD RUNWAY. 2,800 X 150 FT NNE/SSW SOD RUNWAY.	2046N 07752W	0586		108A	3
FRANCISCO AFLD 1.6 NM SSW OF FRANCISCO. 5,800 X 350 FT NE/SW SOD RUNWAY.	2048N 07736W	0586		76A	3
LA MATILDA AFLD 6 NM W OF LA CARRETERA. 3,000 X 120 FT NE/ SW SOD RUNWAY. 2,200 X 120 FT NW/SE SOD RUNWAY. HANGAR AT S END OF NW/SE RUNWAY.	2051N 07741W	0586		100	3
SAO COROJO, NEW AFLD 1.5 NM S OF SAO COROJO. 1,800 X 110 FT NW/SE SOD RUNWAY.	2052N 07715W	0586		257	3
JOBABO LANDING STRIP 1,950 X 100 FT SSE/NNW SOD RUNWAY.	2054N 07717W	0586		95A	3
CENTRAL JOBABO AFLD 1 NM W OF JOBABO. 3,000 X 250 FT N/S SOD RUNWAY.	2054N 07719W	0586		42	3

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
SANTA LUCIA LANDING FIELD 2,300 X 45 FT NE/SW SOD RUNWAY.	2059N 07726W	0586		181A	3
SANTA MARTA AFLD 1 NM ENE OF SANTA MARTA. 2,400 X 150 FT ENE/WSW SOD RUNWAY. ONE T-SHAPED HANGAR.	2049N 07800W	0586		184A	3
GUAIMARO LANDING FIELD JUST N OF GUIAIMARO. 1,500 X 70 FT NE/SW SOD RUNWAY. FIELD IS SERVICEABLE.	2103N 07721W	0586		81	3
GALBIS LANDING FIELD 2 NM NW OF GALBIS. 2,500 X 50 FT NW/SE SOD RUNWAY.	2108N 07713W	0586		78	3
MARTI AFLD NO AIRFIELD CAN BE LOCATED IN THIS VICINITY.	2108N 07728W	0586		118	3
TASAJERAS AREA, LANDING FIELD 9 NM SW OF TASAJERAS. 2,400 X 230 FT E/W SOD RUNWAY. FIELD CRISSCROSSED BY WATER- FILLED DITCHES AND ONE GULLY. HAS ONE SMALL HANGAR.	2113N 07711W	0586		1	3
EL ORIENTE LANDING FIELD 6.5 NM N OF CASCORRO. 2,300 X 120 FT E/W SOD RUNWAY. FIELD STILL SERVICEABLE EXCEPT THAT LOGS HAVE BEEN PLACED ACROSS RUNWAY.	2119N 07728W	0586		67	3
VIGIL LANDING FIELD 2,000 X 225 FT NE/SW SOD RUNWAY.	2122N 07725W	0586		206	3
REDENCION LANDING FIELD AREA IS OVERGROWN WITH BRUSH.	2124N 07733W	0586		155	3

25X1

**TOP SECRET**

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25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
SAN MIGUEL LANDING FIELD SCRUB GROWING ON LANDING STRIP.	2125N 07720W	0586		173	3
CAMAGUEY INTERNATIONAL AFLD 3 NM NE OF CAMAGUEY. 8,000 X 200 FT ENE/WSW ASPHALT RUNWAY. 5,000 X 200 FT WNW/ESE SOD RUNWAY. AIRCRAFT--1 DC-3, 4 PROBABLE PIPER. RADIO STATION AT AIRFIELD.	2125N 07751W	0586		25X1	3
NUEVITAS, U/I AFLD 14 NM E OF NUEVITAS. 4,000 BY APPROX 150 FT NE/SW CRUSHED-STONE RUNWAY.	2131N 07701W	0586		134E	3
NUEVITAS SEAPLANE STATION SE EDGE OF NUEVITAS.	2132N 07715W	0586		134D	3
NUEVITAS LANDING FIELD 2 NM WSW OF NUEVITAS. 2,800 X 100 FT ENE/ WSW SOD RUNWAY. FIELD NOT ACTIVE. LANDING STRIP PARTLY OVERGROWN WITH BRUSH. FIELD HAS BUILDING 165 X 55 FT.	2132N 07717W	0586		134C	3
SENADO AFLD 3,500 X 90 FT NE/SW SOD RUNWAY. 2,100 X 90 FT E/W SOD RUNWAY.	2133N 07735W	0586		189	3
LUGARENO LANDING FIELD 1 NM N OF LUGARENO. NOT LOCATED.	2134N 07728W	0586		107A	3
CAYO GUAJABA LANDING FIELD ON NE COAST OF CAYO GUAJABA. 2,200 X 200 FT E/W SOD RUNWAY.	2155N 07733W	0586		35	3
SAN JERONIMO LANDING FIELD 7 NM W OF SAN JERONIMO. N/E SOD RUNWAY.	2128N 07826W	0586		171	3

25X1

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TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
CENTRAL AGRAMONTE AFLD 2 NM S OF FLORIDA. 3,300 X 100 FT ENE/WSW SOD RUNWAY. AIRCRAFT--1 PIPER.	2130N 07812W	0586		39	3
SAN AGUSTIN AREA, LANDING FIELD 4 NM SSW OF SAN AGUSTIN. 3,000 X 300 FT E/W SOD RUNWAY. INACTIVE BUT SERVICEABLE.	2136N 07835W	0586		249A	3
SAN AGUSTIN AREA, LANDING FIELD 3 NM SW OF SAN AGUSTIN. 3,200 X 200 FT NW/SE SOD RUNWAY. INACTIVE BUT SERVICEABLE.	2137N 07836W	0586		249	3
BARAGUA AFLD 6 NM WSW OF GASPAR. 3,300 X 180 FT N/S SOD RUNWAY. 3,000 X 60 FT E/W SOD RUNWAY. HANGAR WITH APRON. THE E/W RUNWAY IS APPARENTLY THE ONLY ONE IN USE.	2141N 07838W	0586		19	3
SAN JUAN NEPOMUCENO LANDING FIELD NO LANDING FIELD AT THIS LOCATION.	2142N 07817W	0586		229	3
SILVEIRA AREA, STEWART LANDING FIELD 1 NM SE OF SILVEIRA. ENE/WSW SOD RUNWAY.	2144N 07847W	0586		193A	3
CIEGO COROJO, POSS NEW AFLD 4,250 X 100 FT WNW/ESE CLEARED AREA, SOD SURFACE.	2145N 07825W	0586		258	3
FRAZEDAS AFLD 4 NM SSE OF VICENTE. 1,700 X 70 FT NW/SE SOD RUNWAY. 1,700 X 70 FT E/W SOD RUNWAY. INACTIVE BUT PROBABLY SERVICEABLE.	2145N 07840W	0586		77	3
PALMARITO, NEW AFLD 2,100 X 60 FT NW/SE SOD RUNWAY. AIRCRAFT--1 PIPER LIAISON.	2146N 07826W	0586		259	3

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
CIEGO DE AVILA AFLD NO 2 1 NM E OF CIEGO DE AVILA. 3,000 X APPROX 170 FT ENE/WSW SOD RUNWAY. AIRFIELD PROBABLY UNDERGOING EXPANSION. LARGE EARTH- MOVING OPERATION IN PROGRESS ALONG S SIDE OF FIELD. PRESENT FACILITIES INCLUDE 2 RECTANGULAR HANGARS AND 8 SMALL T-SHAPED HANGARS. AIRCRAFT--10 PIPER CUBS, 1 POSSIBLE PIPER FUSELAGE.	2150N 07844W	0586		50A	3
CIEGO DE AVILA AFLD 1 NM NNW OF CIEGO DE AVILA. 3,100 X 350 FT NE/SW SOD RUNWAY.	2152N 07846W	0586		50	3
GUAYACANES AFLD 3 NM WSW OF GUAYACANES. 2,500 X 200 FT ENE/WSW SOD RUNWAY. ONE SMALL HANGAR.	2152N 07859W	0586		85A	3
VIOLETA, BOYDEN AFLD NE/SW DIRT RUNWAY.	2157N 07825W	0586		207	3
PASO VIEVO LANDING FIELD 2 NM SE OF PASO VIEVO. 2,500 X 150 FT SSE/NNW SOD RUNWAY.	2138N 07908W	0586		137	3
CENTRAL TRINIDAD LANDING FIELD 8 NM ENE OF TRINIDAD. 2,900 X 125 FT NE/SW SOD RUNWAY.	2150N 07950W	0586		196	3
JATIBONICO, SOD LANDING STRIP 4 NM E OF JATIBONICO. 2,000 X 150 FT N/S SOD RUNWAY.	2156N 07905W	0586		94D	3
JATIBONICO AFLD SOD LANDING STRIP.	2156N 07910W	0586		94B	3

25X1

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25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
SANCTI SPIRITUS AFLD 2 NM N OF SANCTI SPIRITUS. 3,650 X 200 FT NNE/SSW SOD RUNWAY. TAXIWAY TO SMALL SUPPORT AREA ON NW SIDE OF RUNWAY.	2158N 07927W	0586		175A	3
ZAZA DEL MEDIO AFLD 1,200 X 70 FT NNE/SSW SOD RUNWAY.	2159N 07922W	0586		245	3
SANTA FE AFLD ISLE OF PINES. ABANDONED SOD LANDING AREA.	2138N 08250W	0586		179	3
LOS INDIOS AREA, SIGUANEA AFLD ISLE OF PINES. 6 NM SE OF LOS INDIOS. 6,400 X 90 FT NE/SW CRUSHED ROCK RUNWAY. 1,100 FT EXTENSION ON NE END OF RUNWAY APPEARS TO BE DETERIORATING	2138N 08257W	0586	[REDACTED]	19501	3
SANTE FE, LOMA DAGUILA AIRFIELD ISLE OF PINES. SOD RUNWAY CUT BY DITCHES.	2141N 08242W	0586		102	3
SANTA FE AIRFIELD ISLE OF PINES. SOD LANDING AREA 2,300 X 1,250 FT. RUNWAY NOT DELINEATED AS SHOWN ON AMS SERIES E723, SHEET 3681 III.	2144N 08245W	0586		180	3
SANTA FE PUNTA DE PIEDRAS SEGUNDO AFLD ISLE OF PINES. RUNWAY IS OVERGROWN, AFLD ABANDONED.	2145N 08238W	0586		143	3
NUEVA GERONA COLONEL MARTIN MARRERRO AFLD ISLE OF PINES. 6,000 X 150 FT NE/SW SOD RUNWAY, 3,000 X 150 FT N/S SOD RUNWAY.	2150N 08247W	0586	[REDACTED]	133	3
NUEVA GERONA PRESIDIO MODELO LANDING FIELD ISLE OF PINES. SOD LANDING GROUND IMMEDIATELY E OF PRISON.	2153N 08246W	0586		133A	3

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
PINA AREA, LANDING FIELD IMMEDIATELY NE OF PINA. 2,900 X 150 FT NE/SW SOD RUNWAY.	2201N 07841W	0586		145	3
CUNAGUA AFLD JUST NW OF CUNAGUA.	2205N 07821W	0586		60	3
MORON LANDING FIELD 1.6 NM S OF MORON. 1,900 X 150 FT NE/SW SOD RUNWAY. FORMER EXTENSION OF NE END OF LANDING STRIP NOW OVERGROWN BY VEGETATION.	2205N 07838W	0586		129	3
FALLA (CENTRAL ADELAIDA) AFLD 1.4 NM WNW OF FALLA. 3,200 X 100 FT ENE/WSW SOD RUNWAY. DITCH CROSSES RUNWAY 600 FT FROM SW END. RUNWAY APPEARS TO BE DETERIORATING.	2211N 07848W	0586	[REDACTED]	725X1	3
LAGUNA DE LECHE AIRFIELD 4 NM NE OF LAGUNA DE LECHE. 2,600 X 100 FT NE/SW SOD RUNWAY. SW END OF RUNWAY IN POOR STATE OF REPAIR.	2217N 07833W	0586		254	3
PUNTA ALEGRE AFLD 1 NM SE OF PUNTA ALEGRE. 2,790 X 200 FT NW/SE SOD RUNWAY. 3,000 X 100 FT NE/SW SOD RUNWAY.	2222N 07846W	0586		151A	3
FOMENTO AFLD 2,400 X 100 FT E/W SOD RUNWAY.	2206N 07943W	0586		75C	3
PLACETAS AREA, FINCA PLACETAS AFLD JUST SW OF PLACETAS. NOT LOCATED.	2218N 07940W	0586		228B	3
NELA AFLD 3,300 X 300 FT N/S SOD RUNWAY. ONE SHED-ROOF HANGAR 65 X 35 FT.	2219N 07904W	0586		131A	3

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
SANTA CLARA AFLD 3,600 X 150 FT ESE/WNW BLACKTOP RUNWAY. ONE NEW HANGAR AT WEST END OF RUNWAY. AIRCRAFT--5 LIAISON.	2225N 07959W	0586		25X1 177E	3
SANTA CLARA, NEW AFLD 9,600 X 270 E/W RUNWAY. RUNWAY MEASUREMENT IS FOR CLEARED AREA AND PROBABLY INCLUDES OVERRUNS. HANGAR AND NEW RUNWAY UNDER CONSTRUCTION. AIRCRAFT--ONE HAWKER SEA FURY.	2229N 07955W	0586		177D	3
CAIBAREN AFLD 1 NM S OF CAIBAREN. 2,950 X 100 FT NE/SW HARD-SURFACE RUNWAY.	2230N 07928W	0586		26	3
MATA AIRSTRIP SOD SURFACE. OVERGROWN WITH BRUSH.	2236N 07957W	0586		119B	3
CAIBARIEN CAYO FRANCES SEAPLANE STATION	2238N 07913W	0586		26B	3
CIENFUEGOS SEAPLANE STATION	2208N 08027W	0586		51B	3
CIENFUEGOS JAIME GONZALES AFLD 4,800 X 250 FT N/S RUNWAY. 3,300 X 250 FT NW/SE RUNWAY. RUNWAYS APPEAR TO BE UNDERGOING RENOVATION. WITH SOME EXTENDING AND WIDENING PROBABLE. SURFACE TYPE NOT DETERMINABLE.	2209N 08025W	0586		51C	3
CONSTANCIA AFLD 3.5 NM E OF CONSTANCIA. 2,900 X 250 FT NE/SW SOD RUNWAY.	2214N 08031W	0586		56	3
ANDREITA AFLD 1 NM S OF CRUCES. 2,260 X 90 FT E/W DIRT RUNWAY.	2220N 08016W	0586		9	3

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
CENTRAL SAN AGUSTIN AFLD 2 NM NW OF CRUCES. SOD STRIP, PROBABLY ABANDONED.	2221N 08018W	0586		46	3
AGUADA DE PASAJEROS AFLD 3,300 X 3,300 FT SOD LANDING AREA.	2223N 08051W	0586	[REDACTED]	25X1	3
AMORILLAS AFLD 3.5 NM W OF AGUADA DE PASAJEROS. 2,000 X 100 FT NNE/SSW SOD RUNWAY.	2223N 08055W	0586		6	3
AGUADA DE PASAJEROS NORTHEAST AFLD 5.5 NM NE OF AGUADA DE PASAJEROS. 1,275 X 45 FT NE/SW DIRT RUNWAY.	2227N 08047W	0586		4A	3
MANACAS AFLD JUST S OF MANACAS. 2,400 X 50 FT N/S SOD RUNWAY. FIELD HAS BEEN CLEARED TO WIDTH OF APPROX 150 FT, BUT ONLY CENTRAL 50 FT WIDTH IS BEING USED.	2235N 08020W	0586		110	3
MANGUITO AREA, U/I LANDING STRIP 5 NM E OF MANGUITO. AIRSTRIP OVERGROWN.	2235N 08049W	0586		230	3
CENTRAL ARAUJO AFLD NOT LOCATED AT REPORTED COORDINATES.	2236N 08055W	0586		40	3
MANACAS AREA, SOD LANDING STRIP 2 NM NW OF MANACAS. DITCH ACROSS RUNWAY. RUNWAY PROBABLY NOT COMPLETED.	2238N 08021W	0586		110A	3
CENTRAL MERCEDES AFLD 1 NM NW OF MERCEDES. NOT LOCATED AT REPORTED COORDINATES.	2238N 08055W	0586		44	3
CENTRAL ULACIA AFLD 2,100 X 165 FT NE/SW SOD RUNWAY. RUNWAY	2240N 08012W	0586		200A	3

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
ORIENTATION IS DIFFERENT FROM THAT ON AMS SERIES E723, SHEET 4184 II.					
COLON AFLD 3,800 X 250 FT NE/SW SOD RUNWAY. RUNWAY DIVIDED ABOUT MIDWAY INTO TWO SEPARATE PARALLEL RUNWAYS. AIRCRAFT--ONE PIPER PA-18.	2242N 08055W	0586	[REDACTED]	25X1	3
FELIPE AREA, POSS NEW LANDING GROUND 1 NM E OF FELIPE. 1,800 X 1,150 FT SOD RUNWAY.	2245N 08031W	0586		226	3
SAGUA LA GRANDE AFLD JUST E OF SAGUA LA GRANDE.	2248N 08003W	0586		159	3
ANDRES AIRSTRIP 3.7 NM NW OF FELIPE. 2,600 X 90 FT NE/SW SOD RUNWAY.	2249N 08034W	0586		239	3
SAN JOSE DE LOS RAMOS LANDING FIELD 3 NM NE OF SAN JOSE DE LOS RAMOS. 1,600 X 70 FT WNW/ESE SOD RUNWAY.	2250N 08045W	0586		238A	3
MARTI CENTRAL GUIPUZCOA AFLD W OUTSKIRTS OF MARTI. 3,280 X 150 FT E/W SOD RUNWAY. 3,280 X 100 FT ENE/WNW SOD RUNWAY.	2257N 08056W	0586	[REDACTED] [REDACTED]	25X1 221	3
JAGUEY GRANDE SW AFLD IMMEDIATELY W OF TANGUE. 3,800 X 100 FT ENE/WSW PROBABLE GRAVEL RUNWAY.	2230N 08109W	0586		90B	3
JAGUEY GRANDE AFLD AIRFIELD IS OVERGROWN WITH BUSHES.	2231N 08107W	0586		90A	3

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
**TOP SECRET** [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
SANTA RITA LANDING FIELD 5 NM ESE OF SANTA RITA DE BARO. 2,000 X 150 FT E/W SOD RUNWAY.	2240N 08101W	0586		185	3
PEDRO BETANCOURT, PROBABLE LANDING STRIP 3 NM SSE OF PEDRO BETANCOURT. 1,900 X 45 FT E/W PROBABLE GRAVEL RUNWAY.	2241N 08116W	0586		1328	3
PEDRO BETANCOURT, LANDING FIELD THIS LANDING FIELD NO LONGER EXISTS. THE AREA HAS BEEN BUILT UP.	2244N 08118W	0586		139	3
GOMEZ MENA AFLD 2 NM S OF SAN NICOLAS DE BARI. 2,600 X 100 FT NE/SW DIRT & SOD RUNWAY. HAS 900 FT OVERRUN. AIRCRAFT--ONE PIPER.	2245N 08155W	0586		80	3
PERICO (CENTRAL ESPANA) AFLD AIRFIELD OVERGROWN WITH GRASS.	2248N 08101W	0586	[REDACTED]	1425X1	3
VEGAS AFLD NO AIRFIELD IN AREA.	2248N 08148W	0586		202	3
SAN ANTONIO DE LOS BANOS AFLD 7,270 X 150 FT NE/SW CONCRETE RUNWAY, 6,950 X 150 FT N/S CONCRETE RUNWAY, 6,950 X 150 FT NW/SE CONCRETE RUNWAY. AIRCRAFT--12 DOUGLAS B-26, 4 GRUMMAN TBM-3S, 5 PROB HAWKER SEA FURY, 1 BEECH C-45, 1 LOCKHEED LODESTAR, 1 PIPER, 3 LOCKHEED T-33, 6 NORTH AMERICAN T-6, 2 PROB T-33, 9 U/I SINGLE ENGINE.	2252N 08231W	0586	[REDACTED]	164	3
SAN ANTONIO DE LOS BANOS AFLD NORTH 3.5 NM NW OF SAN ANTONIO DE LOS BANOS. 3,900 X 100 FT NE/SW SOD RUNWAY.	2256N 08233W	0586		164A	3

25X1

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TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
MANAGUA AFLD 3,100 X 150 FT E/W GRAVEL RUNWAY. 1,700 FT SOD OVERRUN TO E.	2258N 08217W	0586		111B	3
MENENDEZ AFLD AIRFIELD NOT OBSERVED, PROBABLY RETURNED TO AGRICULTURE.	2304N 08048W	0586		124	3
MATANZAS (PEPE BARRIENTOS) AFLD 2.5 NM ESE OF MATANZAS. NE/SW SOD RUNWAY. NW/SE DIRT RUNWAY. BOTH RUNWAYS IN POOR STATE OF REPAIR.	2301N 08132W	0586		120B	3
VARADERO, CORONEL PASCUAL AFLD 1.7 NM SW OF VARADERO. 7,000 X 150 FT ENE/WSW BLACKTOP RUNWAY. VEGETATION ON PARKING APRON.	2307N 08117W	0586	[REDACTED]	25X1 201	3
CARDENAS BAY AREA, AFLD .5 NM S OF PUNTA DE MOLAS. 1,300 X 70 FT ENE/WSW PROBABLY CORAL RUNWAY.	2311N 08107W	0586		31D	3
CARDENAS BAY SEAPLANE STATION 7 NM NE OF VARADERO.	2311N 08108W	0586		31	3
HAVANA, JOSE MARTI INTERNATIONAL AFLD 4 NM S OF HAVANA. 7,060 X 150 FT NE/SW CONCRETE & BLACKTOP RUNWAY. AIRCRAFT--2 BRISTOL BRITANNIA, 3 LOCKHEED 1049 SUPER CONSTELLATION, 3 VICKERS VISCOUNT, 8 CURTISS C-46, 5 DOUGLAS C-47, 1 DOUGLAS C-54, 1 POSSIBLE C-46 FUSELAGE, 1 PROBABLE CESSNA 310, 1 PIPER, 2 POSSIBLE PIPER.	2300N 08224W	0586		86I	3
MARIEL NAVAL AIR STATION 6,000 X 150 FT NE/SW CONCRETE RUNWAY.	2300N 08246W	0586	[REDACTED]	117E	3

25X1

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TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BF	OAR	
MARIEL, PARLA CUBAN NAVAL AIR BASE	2300N 08246W	0586	[REDACTED]	117F	3
DOMINGO ROSILLO SEAPLANE STATION AT MARIEL. CANNOT BE POSITIVELY IDENTIFIED.	2301N 08245W	0586	[REDACTED]	117A	3
BARACOA AFLD  3.5 NM SW OF SANTA FE. 5,400 X 150 FT NNE/ SSW PROB BLACKTOP RUNWAY. OBSERVATION OF PART OF THE AIRFIELD REVEALS A PARKING APRON AND TWO HANGARS ON THE NW SIDE OF THE RUNWAY. AT LEAST 10 U/I OBJECTS, POSSIBLY CRATES, ARE STORED ON THE PARKING APRON FRONTING THE SOUTHERNMOST HANGAR. AIRCRAFT--ONE PROBABLE TRANSPORT.	2302N 08235W	0586	[REDACTED]	18	3
HAVANA, CAMPO LIBERTAD AFLD  LIMITED OBSERVATION OF PORTION OF ONE RUNWAY REVEALED NO AIRCRAFT OR UNUSUAL ACTIVITY.	2305N 08227W	0586	[REDACTED]	86B	3
BACURANAO AFLD  2,400 X 125 FT E/W SOD RUNWAY. THREE HANGARS--60 X 30 FT, 55 X 30 FT, AND 55 X 35 FT. ONE ADMIN-TYPE BLDG 175 X 30 FT. AIRCRAFT--3 UTILITY.	2308N 08214W	0586	[REDACTED]	15	3
CAMAGUEY, PROBABLE MILITARY GARRISON  3 NM SE OF CAMAGUEY RAILROAD MARSHALING YARDS. 19 BARRACKS/STORAGE BUILDINGS, 1 PROBABLE VEHICLE SHED, 1 RIFLE RANGE, 9 ASSOCIATED SUPPORT BUILDINGS.	2123N 07752W	0586	[REDACTED]	27C	4X
ISLE OF PINES MILITARY ACTIVITY  NO UNUSUAL MILITARY ACTIVITY WAS OBSERVED. REPORTED MILITARY UNITS NOT LOCATED.	2140N 08250W	0586	[REDACTED]	89	4X

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
**TOP SECRET**

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
CIENFUEGAS NAVAL STATION NO LARGE SHIPPING ACTIVITY NOTED. SOME SMALL VESSELS DOCKED.	2209N 08027W	0586		51I	4X
GUANAJAY AREA, INSTITUTO CIVICO MILITAR 5 NM SE OF GUANAJAY. 11 LARGE MULTISTORY BUILDINGS, ATHLETIC FIELD.	2251N 08238W	0586		215	4X
MANAGUA MILITARY RESERVATION ONLY SMALL PORTION OF RESERVATION OBSERVED. RESERVATION INCLUDES A BARRACKS AREA, A PROBABLE SCHOOL AREA, AN AIRSTRIP, AND A LOCAL TRAINING AREA WITH A RIFLE RANGE. THE BARRACKS AREA CONTAINS APPROX 70 BUILDINGS, 12 OF WHICH ARE BARRACKS 230 X 35 FT. THE PROBABLE SCHOOL AREA CONTAINS 18 BUILDINGS, MOSTLY ADMINISTRATIVE TYPE. VEHICLES INCLUDE 6 PROBABLE MEDIUM TANKS, 1 POSSIBLE TANK, 8 PROBABLE ARMORED CARS, 15-20 CARGO TRUCKS, 11 SEMIS 35 FT LONG WITH TRACTOR, 7 SEMIS 25 FT LONG WITH TRACTOR, AND 50-60 MISCELLANEOUS VEHICLES. SOUTH OF THE BARRACKS AREA EARTH-COVERED STORAGE BUNKERS ARE UNDER CONSTRUCTION.	2258N 08218W	0586		111	4X
MATANZAS PORT & NAVAL ACTIVITY ONLY NW PORTION OBSERVED. NO NAVAL ACTIVITY OBSERVED.	2303N 08134W	0586		120G	4X
MARIEL NAVAL AMMO STORAGE NOT LOCATED.	2300N 08244W	0586		117B	4C
MARIEL, NAVAL ACADEMY	2300N 08244W	0586		117G	4X
BAHIA DE CABANAS AREA NO MILITARY ACTIVITY OBSERVED.	2300N 08258W	0586		2	4X

25X1

**TOP SECRET**

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
HAVANA, SAN ANTONIO NAVAL ARSENAL	2307N 08221W	0586		162	4X
HAVANA, CASTILLO DE PRINCIPE	2308N 08223W	0586		860	4X
HAVANA NAVAL ARSENAL (CASA BLANCA) INSTALLATION HAS DOCK FACILITIES, MARINE RAILWAY, POSSIBLE DRY DOCK, POSSIBLE FLOATING DRY DOCK, WAREHOUSES, AND ADMINISTRATIVE BUILDINGS. 12 NAVAL VESSELS AND 2 CARGO SHIPS. 4 POSSIBLE TRACKED VEHICLES.	2309N 08220W	0586		33	4C
HAVANA NAVAL ENLISTED TRAINING CENTER	2309N 08220W	0586		86M	4A
HAVANA AREA, CASTILLO DE MORRO OFFICERS SCHOOL	2309N 08221W	0586		86N	4B
HAVANA, LA CABANA POSSIBLE MICROWAVE STATION ON PORT SIDE OF FORT.	2309N 08221W	0586		86P	4X
HAVANA AREA, MILITARY DEFENSES NO MILITARY DEFENSES OBSERVED EXCEPT ONE COASTAL DEFENSE POSITION WHICH APPEARS INACTIVE.	2309N 08222W	0586		86L	4X
CAMAGUEY POL STORAGE JUST S OF RR MARSHALING YARDS.	2122N 07754W	0586		27D	5C
CAMAGUEY POL STORAGE ON N SIDE OF RAILROAD 2 NM W OF CAMAGUEY.	2123N 07757W	0586		27E	5C
NUEVITAS POL STORAGE (ESSO STANDARD) 3 NM E OF NUEVITAS	2132N 07713W	0586		134A	5C
NUEVITAS POL STORAGE (SINCLAIR) 3 NM E OF NUEVITAS.	2132N 07713W	0586		138	5C

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
**TOP SECRET**

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
NUEVITSA AREA, POL STORAGE FERROCARRILES 1.5 NM NE OF NEUVITAS. TWO STORAGE TANKS IN PLACE, ONE TANK REMOVED.	2133N 07715W	0586		134B	5C
PUERTO TARAFA, POL STORAGE	2134N 07715W	0586		150	5C
PINA, POL STORAGE	2201N 07842W	0586		145B	5C
CIENFUEGOS POL STORAGE (ESSO STANDARD OIL) TWO BULK STORAGE TANKS.	2208N 08028W	0586		51D	5C
CIENFUEGOS POL STORAGE (SINCLAIR) THREE STORAGE TANKS.	2209N 08028W	0586		51E	5C
CIENFUEGOS POL STORAGE (TEXACO) ONE LARGE TANK.	2209N 08028W	0586		51F	5C
LA ISABELA (ISABELA DE SAGUA) POL STORAGE	2257N 08001W	0586		99	5C
MANAGUA EXPLOSIVES-STORAGE AREA 3 NM SW OF MANAGUA. AREA CONTAINS 9 REVETTED STRUCTURES AND 10 SUPPORT BLDGS.	2256N 08220W	0586		111C	5E
CARDENAS POL STORAGE NOT LOCATED.	2302N 08113W	0586		318	5C
MATANZAS POL STORAGE (RAYONERA CUBANA) NW OF MATANZAS. TANK STORAGE ASSOCIATED WITH TEXTILE MILL. 2 LARGE TANKS.	2304N 08133W	0586		120C	5C
MATANZAS POL STORAGE (TEXACO) NW EDGE OF MATANZAS.	2304N 08133W	0586		120E	5C
HAVANA POL STORAGE (SINCLAIR)	2307N 08220W	0586		86U	5C
HAVANA POL STORAGE NO POL STORAGE AREA AT COORDINATES.	2308N 08222W	0586		86T	5C

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
**TOP SECRET**

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
CAMPACHUELA AREA, DOS AMIGOS SUGAR MILL	2014N 07717W	0586		29A	6J
SALVADOR SUGAR MILL	2016N 07713W	0586		160A	6J
MACARENO SUGAR MILL	2046N 07752W	0586		108	6J
FRANCISCO SUGAR MILL	2049N 07735W	0586		76	6J
JOBABO SUGAR MILL	2054N 07717W	0586		95	6J
SANTA LUCIA ELIA SUGAR MILL	2059N 07726W	0586		181	6J
SANTA MARTA SUGAR MILL	2049N 07801W	0586		184	6J
PALO SECO, MINING AREA 2 NM W OF PALO SECO.	2107N 07721W	0586		255	6A
HATUEY AREA, NAJASA SUGAR MILL 1.5 NM S OF HATUEY.	2110N 07733W	0586		250	6J
CAMAGUEY POWER PLANT IN EAST CAMAGUEY.	2123N 07755W	0586		27B	6
MINAS CHROME MINES SCATTERED STRIP MINES THROUGHOUT AREA.	2129N 07737W	0586		127	6A
MINAS COPPER MINES	2129N 07737W	0586		127A	6A
SENADO SUGAR MILL	2132N 07735W	0586		189A	6J
LUGARENO SUGAR MILL	2133N 07728W	0586		107	6J
PLAYA SANTA LUCIA SALT REFINERY	2134N 07703W	0586		241	6J
JARONU SUGAR MILL	2149N 07758W	0586		92B	6J

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
**TOP SECRET** [redacted]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
VERTIENTES SUGAR MILL	2115N 07809W	0586	204		6J
FLORIDA AREA, AGRAMONTE SUGAR MILL JUST S OF FLORIDA.	2130N 07813W	0586	74		6J
FLORIDA SUGAR MILL	2132N 07814W	0586	74A		6J
CESPEDES SUGAR MILL	2134N 07816W	0586	48A		6J
CESPEDES AREA, MINING ACTIVITY 5 NM WSW OF CESPEDES.	2134N 07821W	0586	48B		6A
CESPEDES AREA, ESTRELLA SUGAR MILL 1 NM NW OF CESPEDES	2135N 07818W	0586	48		6J
BARAGUA SUGAR MILL 6 NM WSW OF GASPAR.	2141N 07838W	0586	19A		6J
SILVERIA AREA, STEWART SUGAR MILL 1 NM SE OF SILVEIRA.	2144N 07847W	0586	193		6J
VIOLETA SUGAR MILL	2156N 07825W	0586	207A		6J
NATIVIDAD SUGAR MILL	2140N 07928W	0586	248		6J
AMAZONAS SUGAR MILL	2141N 07926W	0586	7		6J
TRINIDAD SUGAR MILL 8 NM ENE OF TRINIDAD.	2150N 07950W	0586	196A		6J
TRINIDAD AREA, NEW PROBABLE CIGAR FACTORY 7 NM NE OF TRINIDAD.	2151N 07951W	0586	196C		6
SANCTI SPIRITUS AREA, PROB MILK-PROCESSING PLT	2152N 07923W	0586	175B		6J
JATIBONICO OIL FIELD 3 NM NE OF JATIBONICO.	2158N 07907W	0586	94		6A

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
SANCTI SPIRITUS AREA, TUINICU SUGAR MILL 5 NM NNE OF SANCTI SPIRITUS.	2159N 07925W	0586		198	6J
SIGUANEA TUNGSTEN MINES ISLE OF PINES. 1 NM SSW OF SIGUANEA AFLD.	2137N 08258W	0586		190A	6A
PINA AREA, MORON SUGAR MILL	2201N 07842W	0586		145A	6J
CUNAGUA SUGAR MILL	2205N 07820W	0586		60A	6J
MORON AREA, PATRIA SUGAR MILL 2 NM SSE OF MORON.	2205N 07836W	0586		129A	6J
FALLA AREA, ADELAIDA SUGAR MILL JUST W OF FALLA.	2210N 07848W	0586		72	6J
PUNTA ALEGRE SUGAR MILL	2223N 07847W	0586		151B	6J
PUNTA ALEGRE GYPSUM QUARRY 1 NM SW OF PUNTA ALEGRE.	2223N 07848W	0586		151	6A
GUAYOS AREA, LA VEGA SUGAR MILL SW OF GUAYOS.	2203N 07928W	0586		242	6J
FOMENTO AREA, LEAD-ZINC MINE 3.5 NM S OF FOMENTO.	2203N 07943W	0586		75	6A
CABAIGUAN OIL REFINERY	2204N 07930W	0586		24	6J
FOMENTO AREA, SANTA ISABEL SUGAR MILL JUST SE OF FOMENTO.	2206N 07943W	0586		75A	6J
ANTONIO PYRITES MINE JUST S OF AGABAMA.	2208N 07945W	0586		11	6A
FOMENTO AREA, ESCAMBRAY SUGAR MILL 3 NM NW OF FOMENTO.	2208N 07945W	0586		75B	6J

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
JARAHUECA OIL FIELD & POL STORAGE 4 SMALL TANKS, AT LEAST 6 OTHER SCATTERED TANKS, 1 OR MORE COLLECTING TANKS OR PONDS, AND 3 POSSIBLE RIGS.	2211N 07922W	0586		91B	6A
JARAHUECA OIL FIELD NO DERRICKS OR DRILLING IN AREA.	2214N 07917W	0586		91	6A
JARAHUECA OIL REFINERY NO REFINERY LOCATED IN AREA.	2214N 07920W	0586		91A	6J
PLACETAS AREA, ZAZA SUGAR MILL	2217N 07938W	0586		228A	6J
NELA SUGAR MILL	2219N 07904W	0586		131	6J
PLACETAS AREA, SAN JOSE SUGAR MILL	2219N 07935W	0586		228	6J
VITORIA SUGAR MILL	2220N 07913W	0586		208A	6J
NARCISA SUGAR MILL	2220N 07915W	0586		130	6J
ZULUETA, SAN PABLO SUGAR MILL	2221N 07936W	0586		210A	6J
SAN ANDRES AREA, FIDENCIA SUGAR MILL	2221N 07939W	0586		161	6J
BUENA VISTA AREA, ADELA SUGAR MILL	2223N 07930W	0586		247	6J
ZULUETA AREA, SAN AGUSTIN SUGAR MILL	2223N 07933W	0586		210	6J
CAMAJUANI SUGAR MILL	2226N 07941W	0586		28	6J
REMEDIOS MINE	2229N 07937W	0586		157	6J
CAIBARIEN AREA, REFORMA SUGAR MILL 1.7 NM SW OF CAIBARIEN.	2230N 07930W	0586		26C	6J

25X1

TOP SECRET [REDACTED]

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET [redacted]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
SANTA CLARA AREA, CARMITA SUGAR MILL IN AGUA.	2230N 07949W	0586		177	6J
VEGA ALTA AREA, CARMITA SUGAR MILL	2230N 07949W	0586		246	6J
ENCRUCIJADA AREA, CONSTANCIA SUGAR MILL 1.5 NM SSE OF ENCRUCIJADA.	2236N 07951W	0586		69	6J
MATA AREA, MACAGUA SUGAR MILL	2236N 07957W	0586		119A	6J
MATA AREA, SANTA LUTGARDA SUGAR MILL	2238N 07957W	0586		119	6J
CALABAZAR DE SAGUA AREA, PURIO SUGAR MILL 1.6 NM NNE OF CALABAZAR DE SAGUA.	2240N 07952W	0586		240	6J
ESTRELLA AREA, NAZABAL SUGAR MILL 2 NM NW OF ESTRELLA.	2245N 07946W	0586		222	6J
LOS GUAOS, IRON-ORE MINE	2208N 08019W	0586		104	6A
SAN FERNANDO COPPER MINE AND MILL 5 NM SW OF MATAGUA.	2211N 08004W	0586		167	6A
LOS MANGOS PYRITES MINE 5 NM SW OF MATAGUA.	2212N 08006W	0586		106	6A
CONSTANCIA SUGAR MILL	2214N 08035W	0586		56A	6J
CONSTANCIA AREA, MANUELITA SUGAR MILL 3 NM W OF CONSTANCIA.	2215N 08032W	0586		56B	6J
ROSARIO AREA, COVADONGA SUGAR MILL 1.4 NM SE OF ROSARIO.	2216N 08052W	0586		158	6J
PALMIRA AREA, HORMIGUERO SUGAR MILL 3 NM NE OF PALMIRA.	2217N 08021W	0586		232	6J

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
PALMIRA AREA, PORTUGALETE SUGAR MILL 2.5 NM NW OF PALMIRA.	2217N 08025W	0586		231	6J
SAN JUAN DE LOS YERAS, PASTORA SUGAR MILL 3 NM ESE OF SAN JUAN DE LOS YERAS.	2219N 08003W	0586		234	6J
CRUCES AREA, ANDREITA SUGAR MILL	2219N 08016W	0586		59	6J
CRUCES AREA, MADERA TEXTILE PLANT JUST SW OF CRUCES.	2220N 08017W	0586		59C	6Q
CRUCES SUGAR MILL	2221N 08018W	0586		59B	6J
PERSEVERANCIA SUGAR MILL	2221N 08046W	0586		142	6J
RANCHUELO AREA, SANTA ROSA SUGAR MILL 1.5 NM E OF RANCHUELO.	2222N 08007W	0586		154	6J
RANCHUELA AREA, SANTA MARIA SUGAR MILL 2.5 NM W OF RANCHUELO.	2222N 08012W	0586		154A	6J
CRUCES AREA, SAN FRANCISCO SUGAR MILL 2 NM NE OF CRUCES.	2222N 08015W	0586		59D	6J
CRUCES AREA, CARACAS SUGAR MILL 2 NM N OF CRUCES.	2222N 08017W	0586		59A	6J
CONGOJAS AREA, PARQUE ALTO SUGAR MILL	2222N 08031W	0586		260	6J
CRUCES AREA, SANTA CATALINA SUGAR MILL 3 NM NE OF CRUCES.	2223N 08014W	0586		59E	6J
CESPEDES SUGAR MILL (PORFUERZA)	2232N 08052W	0586		49	6J
SANTO DOMINGO AREA, SUGAR MILL MARIA ANTONIA 2 NM SE OF SANTO DOMINGO.	2234N 08013W	0586		236	6J

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
**TOP SECRET**

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
ARAUJO SUGAR MILL 1.5 NM SW OF MANGUITO.	2234N 08057W	0586		14	6J
WASHINGTON SUGAR MILL	2235N 08019W	0586		209	6J
MERCEDES SUGAR MILL	2237N 08053W	0586		125	6J
ULACIA SUGAR MILL	2240N 08012W	0586		200	6J
CIFUENTES AREA, UNIDAD SUGAR MILL 2.9 NM NE OF CIFUENTES.	2241N 08001W	0586		52A	6J
CORAZON DE JESUS SUGAR MILL	2243N 08003W	0586		57	6J
SITIECITO, SANTA TERESA SUGAR MILL	2245N 08005W	0586		244	6J
LOS ARABOS AREA, ZORILLA SUGAR MILL	2245N 08040W	0586		103	6J
BANAGUISES AREA, ALAVA SUGAR MILL	2246N 08050W	0586		17	6J
TINGUARO SUGAR MILL	2246N 08058W	0586		195	6J
SAN ISIDRO SUGAR MILL 1.5 NM W OF QUEMADO DE GUINES.	2247N 08017W	0586		170	6J
SAGUA LA GRANDE AREA, U/I MINING 3.2 NM W OF SAGUA LA GRANDE.	2248N 08008W	0586		159B	6A
RANCHO VELOZ AREA, RESOLUCION SUGAR MILL 4.3 NM SE OF RANCHO VELOZ.	2250N 08020W	0586		237	6J
RANCHO VELOZ AREA, RAMONA SUGAR MILL 2.5 NM SE OF RANCHO VELOZ.	2251N 08021W	0586		237A	6J
MINAS DE MOTEMBO NAPHTHA FIELD	2254N 08041W	0586		128	6A

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
MARTI AREA, GUIPUZCOA SUGAR MILL 1 NM W OF MARTI.	2257N 08056W	0586		221A	6J
TANGUE, JAGUEY GRANDE SUGAR MILL	2230N 08108W	0586		90	6J
PEDROSO AREA, SOCORRO SUGAR MILL 2 NM WNW OF PEDROSO.	2239N 08120W	0586		220	6J
SANTA RITA DE BARO SUGAR MILL 5 NM ESE OF AGRAMONTE.	2240N 08102W	0586		185A	6J
AGRAMONTE, UNION SUGAR MILL 1.5 NM NW OF AGRAMONTE. MAIN BUILDINGS HAVE BEEN TORN DOWN. PLANT NO LONGER IN EXISTENCE.	2242N 08108W	0586		10	6J
PEDRO BETANCOURT AREA, SUGAR MILL .5 NM NW OF PEDRO BETANCOURT.	2244N 08118W	0586		139A	6J
CONCHITA, ATLANTICA DEL GOLFO SUGAR MILL	2244N 08132W	0586		55	6J
SAN NICOLAS DE BARI, GOMEZ MENA SUGAR MILL 2 NM SE OF SAN NICOLAS DE BARI.	2245N 08153W	0586		211	6J
QUIVICAN AREA, OCCIDENTE SUGAR MILL 3 NM SW OF QUIVICAN.	2247N 08123W	0586		243	6J
PERICO AREA, ESPANA SUGAR MILL 2 NM N OF PERICO.	2248N 08101W	0586		141A	6J
PEDRO BETANCOURT AREA, DOLORES SUGAR MILL 5 NM N OF PEDRO BETANCOURT.	2248N 08118W	0586		61	6J
SOLEDAD SUGAR MILL 3 NM ENE OF JOVELLANOS.	2249N 08108W	0586		191	6J

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
SOLEDAD, TRINSUCO SUGAR MILL	2249N 08108W	0586		192	6J
PALOS AREA, JOSEFITA SUGAR MILL 1 NM NE OF PALOS.	2249N 08144W	0586		97	6J
SANTO DOMINGO SUGAR MILL 3 NM SE OF JUAN GUALBERTO GOMES.	2250N 08130W	0586		188	6J
LIMONES SUGAR MILL	2253N 08125W	0586		101	6J
COLISEO AREA, CAROLINA SUGAR MILL 1.5 NM ENE OF COLISEO.	2255N 08117W	0586		32	6J
COLISEO AREA, SANTA AMALIA SUGAR MILL 1 NM NE OF COLISEO.	2255N 08118W	0586		176	6J
MADRUGA AREA, SAN ANTONIO SUGAR MILL 1 NM W OF MADRUGA.	2255N 08152W	0586		109	6J
MADRUGA, OIL FIELD ON S SIDE OF HIGHWAY 1.5 NM WSW OF MADRUGA.	2255N 08153W	0586		109A	6A
LAGUNILLAS AREA, PROGRESO SUGAR MILL 2.8 NM NE OF LAGUNILLAS.	2258N 08110W	0586		148	6J
LAGUNILLAS AREA, POSS ORE-PROCESSING INDUSTRY 2.9 NM NE OF LAGUNILLAS.	2258N 08110W	0586		148A	6J
SAN IGNACIO SUGAR MILL	2259N 08108W	0586		169	6J
LIMONAR AREA, TRIUNFO SUGAR MILL 3 NM NE OF LIMONAR.	2259N 08122W	0586		197	6J
AGUACATE, ROSARIO SUGAR MILL	2259N 08150W	0586		3	6J

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
GUINES AREA, PROVIDENCIA SUGAR MILL 3.5 NM S OF GUINES.	2247N 08202W	0586		149	6J
ARTEMISA CEMENT PLANT	2248N 08241W	0586		13	6J
ARTEMISA AREA, SANTA THERESA LIME PLANT 1.5 NM ESE OF CANAS.	2248N 08241W	0586		13D	6J
ARTEMISA AREA, ANDORRA SUGAR MILL	2248N 08248W	0586		13A	6J
MELENA DEL SUR AREA, MERCEDITA SUGAR MILL	2249N 08209W	0586		123	6J
AMISTAD SUGAR MILL	2250N 08200W	0586		8	6J
EL GABRIEL AREA, FAJARDO SUGAR MILL 1 NM NE OF EL GABRIEL.	2250N 08227W	0586		66	6J
ARTEMISA AREA, PILAR SUGAR MILL 2 NM N OF ARTEMISA.	2250N 08245W	0586		13C	6J
SAN JOSE DE LAS LAJAS, 2 NEW INDUSTRIAL PLTS 3.5 NM SE OF SAN JOSE DE LAS LAJAS. ONE A PROBABLE CROP-PROCESSING PLANT, THE OTHER A LIGHT INDUSTRY.	2256N 08205W	0586		172B	6Q
BAUTA AREA, ARIGUANABO TEXTILE PLANT 3 NM S OF BAUTA.	2256N 08233W	0586		22A	6Q
SAN JOSE DE LAS LAJAS COPPER FABRICATION PLANT 2 NM SE OF SAN JOSE DE LAS LAJAS.	2257N 08208W	0586		172	6Q
SAN JOSE DE LAS LAJAS, INDUSTRIAL AREA 2 NM SE OF SAN JOSE DE LAS LAJAS. TWO U/I PLANTS PARTIALLY OBSERVED.	2257N 08208W	0586		172C	6
MARIEL AREA, SAN RAMON SUGAR MILL 1 NM S OF MARIEL.	2257N 08246W	0586		117H	6J

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
SAN JOSE DE LAS LAJAS IRON & STEEL PLANT 1 NM NW OF SAN JOSE DE LAS LAJAS.	2258N 08210W	0586		172A	6Q
MERCEDITAS SUGAR MILL	2259N 08254W	0586		126	6J
VARADERO AREA, U/I MINING 8 NM SSW OF VARADERO. U/I OPEN-PIT MINING IN A MOUNTAINOUS AREA.	2301N 08119W	0586		201A	6A
CARDENAS DISTILLERY PLANT PLANT HAS 3 LARGE BUILDINGS, 5 TANKS OF VARIOUS SIZES, AND 5 STORAGE BUILDINGS.	2302N 08112W	0586		31A	6J
CORRAL NUEVO AREA, ELENA SUGAR MILL 3 NM SW OF CORRAL NUEVO.	2302N 08143W	0586		58A	6J
CORRAL NUEVO GYPSUM QUARRY QUARRY NOT LOCATED.	2303N 08140W	0586		58	6J
MATANZAS, NEW CHEMICAL PLANT 2 NM NE OF MATANZAS. NEW CHEMICAL PLANT, PARTIALLY COMPLETED, PARTIALLY IN PRELIMINARY STAGES OF CONSTRUCTION. AT LEAST 18 BUILDINGS WITH TANKS, FRACTIONATING TOWERS, AND OTHER CHEMICAL PROCESSING EQUIPMENT. ROAD SERVED.	2304N 08132W	0586		120L	6J
MATANZAS TEXTILE MILL 2 NM NW OF MATANZOS.	2304N 08133W	0586		120H	6Q
MATANZAS FERTILIZER PLANT	2304N 08133W	0586		120J	6J
MARGET PYRITES MINE	2304N 08138W	0586		115	6A
GUASIMAS AREA, DOS ROSAS SUGAR MILL 2.2 NM S OF KAWAMA.	2305N 08118W	0586		63	6J

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
CANASI, SUGAR MILL 8 NM N OF CANASI.	2308N 08147W	0586		224	6J
HERSHEY SUGAR MILL	2308N 08157W	0586		87A	6J
HABANA SUGAR MILL	2301N 08237W	0586		86A	6J
MARIEL CEMENT PLANT	2301N 08245W	0586		117C	6J
JARUCO CEMENT PLANT NOT LOCATED.	2303N 08200W	0586		93	6J
EL COTORRO, ANTILLANA DE ACERO IRON & STEEL PT 5 NM SE OF HAVANA.	2303N 08216W	0586		65A	6J
EL COTORRO OIL REFINERY 5 NM SE OF HAVANA.	2303N 08216W	0586		65B	6J
HAVANA AREA, TOLEDO SUGAR MILL	2303N 08225W	0586		86V	6J
HAVANA OIL REFINERY (SHELL)	2307N 08220W	0586		86R	6J
HAVANA OIL REFINERY (ESSO) APPROXIMATELY 50 PERCENT OF AREA OBSERVED.	2308N 08219W	0586		86S	6J
GUANABO AREA, OIL FIELD 3 NM S OF GUANABO.	2310N 08207W	0586		83	6A
SANTA MARIA DEL MAR, OIL FIELD 1 NM S OF SANTA MARIA DEL MAR. THREE CIRCULAR STORAGE TANKS, MISCELLANEOUS SHEDS, ONE PUMP STATION. A SECOND AREA WITHIN THE CITY PROPER AT 2310N 08211W CONTAINS SEVERAL POSSIBLE PUMP STATIONS AND THREE TANKS.	2311N 08211W	0586		183	6A

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
MANZANILLO PROB POWER PLANT ON NE SIDE OF TOWN.	2020N 07708W	0586		113C	7E
SIBANICU, PROBABLE GRAVEL PIT 4 NM WSW OF SIBANICU. PROBABLE GRAVEL PIT WITH A NUMBER OF TRUCKS FOR ROAD CONSTRUCTION.	2113N 07736W	0586		251	7
GASPAR TRANSFORMER STATION	2144N 07833W	0586		79	7E
CIEGO DE AVILA AREA, VICENTE POWER PLANT 4 NM SE OF CIEGO DE AVILA.	2148N 07842W	0586		205	7E
CIEGO DE AVILA POWER PLANT POWER PLANT NOT LOCATED.	2150N 07845W	0586		50B	7E
MORON RR YARD AND REPAIR FACILITIES SW EDGE OF MORON. INCLUDES RR YARD, ROUND- HOUSE, AND SHOPS.	2206N 07837W	0586		129B	7B
BARAJAGUE AREA, HANABANILLA POWER PLANT 8 NM SE OF CUMANAYAGUA. EARTH-FILL DAM AND HYDROELECTRIC POWER PLANT. DAM IS COMPLETED, POWER PLANT REPORTED TO BE UNDERGROUND.	2206N 08004W	0586		20	7E
CIENFUEGOS, THERMAL POWER PLANT	2208N 08027W	0586		51G	7E
CIENFUEGOS, THERMAL POWER PLANT	2210N 08027W	0586		51H	7E
SAN NICOLAS DE BARI, ELECTRIC PLANT	2245N 08155W	0586		211A	7E
MATANZAS POWER PLANT 1 NM NE OF MATANZAS.	2304N 08132W	0586		120I	7E
HERSHEY POWER PLANT	2308N 08157W	0586		87	7

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
HAVANA, PROBABLE THERMAL ELECTRIC POWER PLANT	2308N 08219W	0586		86A1	7E
HAVANA, REGLA POWER PLANT	2308N 08220W	0586		156	7E
HAVANA HARBOR TUNNEL ROAD TUNNEL UNDER ENTRANCE TO HAVANA HARBOR	2308N 08221W	0586		86A3	7A
HAVANA, TALLAPIEDRA POWER PLANT	2308N 08221W	0586		194	7E
NIQUERO PORT FACILITIES	2003N 07735W	0586		132A	8
CAMPACHUELA PORT FACILITIES	2014N 07717W	0586		29B	8
SALVADOR PORT FACILITIES •8 NM NE OF SALVADOR.	2017N 07712W	0586		160	8
MANZANILLO URBAN COMPLEX NO MILITARY UNITS OBSERVED.	2020N 07708W	0586		113D	8
MANZANILLO PORT FACILITIES	2021N 07707W	0586		113B	8
GUAYABAL PORT FACILITIES	2041N 07737W	0586		84	8
SANTA CRUZ DEL SUR PORT FACILITIES	2042N 07759W	0586		178A	8
MANOPLA PORT FACILITIES	2043N 07751W	0586		112	8
CAMAGUEY URBAN COMPLEX	2123N 07755W	0586		27F	8
NUEVITAS PORT FACILITIES ONE CARGO VESSEL AT PIER NEAR PUNTA LA GUIRA. NUMEROUS SMALL CRAFT.	2132N 07716W	0586		134	8
PLAYA PILOTO PORT 6.5 NM N OF SOLA. AT LEAST 16 SMALL PIERS.	2147N 07741W	0586		253	8

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
**TOP SECRET**

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
SANTA MARIA, PORT FACILITIES ALONGSIDE QUAY, RAIL SERVED. SMALL CRAFT ALONGSIDE QUAY.	2117N 07829W	0586		182	8
BOCA GRANDE PORT FACILITIES	2134N 07839W	0586		70	8
PALO ALTO PORT FACILITIES PIER, TWO STORAGE TANKS, RR TURNING WYE OBSERVED.	2136N 07858W	0586		136	8
TUNAS DE ZAZA PORT FACILITIES	2138N 07933W	0586		199	8
SANCTI SPIRITUS URBAN COMPLEX NO MILITARY ACTIVITY APPARENT.	2156N 07926W	0586		175	8
NUEVO GERONA PORT FACILITIES ISLE OF PINES. THIS COMPLEX HAS NOT CHANGED SINCE 1957, AMS SERIES E723, SHEET 3681 IV. PORT HAS NUMEROUS ALONG-SHORE WHARVES, 1 STEAMER, 1 U/I SHIP, NUMEROUS SMALL BOATS.	2153N 08248W	0586		139B	8
PUNTA ALEGRE PORT FACILITIES 12.8 NM NE OF CHAMBAS.	2223N 07849W	0586		151C	8
CENTRAL NELA PIER FACILITIES 1.5 NM ESE OF CAYO PALMA.	2223N 07904W	0586		45	8
VITORIA PORT FACILITY 2.7 NM NNE OF VITORIA. PIER WITH RR. NUMEROUS SMALL BOATS.	2223N 07912W	0586		208	8
SANTA CLARA URBAN COMPLEX NO APPARENT MILITARY ACTIVITY.	2225N 07957W	0586		177C	8
CAIBARIEN PORT FACILITIES	2232N 07928W	0586		26A	8

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
**TOP SECRET** [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
CIENFUEGOS PORT FACILITIES ONE PROBABLE MERCHANT VESSEL (POSSIBLE FREIGHTER-TRANSPORT) AT ANCHOR IN BAY.	2209N 08027W	0586		51A	8
CIENFUEGOS URBAN COMPLEX	2209N 08027W	0586		51J	8
HOYO DE MANICARAGUA URBAN COMPLEX NO EVIDENCE OF MILITARY ACTIVITY.	2210N 08003W	0586		88	8
SAGUA LA GRANDE URBAN COMPLEX	2248N 08004W	0586		159A	8
CARAHATAS PORT FACILITY 5.6 NM ENE OF RANCHO VELOZ.	2255N 08018W	0586		235	8
LA ISABELA PORT FACILITIES	2256N 08001W	0586		99A	8
PANCHITA PORT FACILITY 4 NM NNW OF RANCHO VELOZ.	2257N 08025W	0586		233	8
PLAYA CAIMITO PORT 6.6 NM SSE OF SAN NICOLAS DE BARI.	2241N 08152W	0586		225	8
BATABANO PORT FACILITIES	2241N 08218W	0586		21	8
PLAYA DEL CAJIO PORT 9.7 NM W OF SURGIDERO DE BATABANO. PORT HAS AT LEAST TWO PIERS, ONE LARGE BOAT, AND NUMEROUS SMALL CRAFT.	2241N 08228W	0586		227	8
ARTEMISA URBAN COMPLEX	2249N 08246W	0586		13B	8
GUINES URBAN COMPLEX	2250N 08202W	0586		219	8
SAN ANTONIO DE LOS BANOS URBAN COMPLEX	2253N 08230W	0586		164B	8
GUANAJAY URBAN COMPLEX	2256N 08241W	0586		215A	8

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
CABANAS PORT FACILITIES	2259N 08256W	0586		25	8
CARDENAS PORT FACILITIES SEVEN PIERS OF VARIOUS SIZES, AT LEAST 2 MARINE RR, MOLASSES STORAGE TANKS, COVERED STORAGE, AND HANDLING FACILITIES. PORT HAS LARGE RR YARD. ONE FREIGHTER AND NUMEROUS SMALL BOATS IN PORT.	2302N 08112W	0586		31C	8
MATANZAS PORT FACILITIES A NEW PIER AND TWO WAREHOUSES HAVE BEEN CONSTRUCTED. ONE CARGO SHIP IS BERTHED AT THE ARMOUR PIER.	2303N 08133W	0586		120F	8
KAWAMA, MARINA FOR SMALL CRAFT	2307N 08118W	0586		217	8
SANTA CRUZ DEL NORTE URBAN COMPLEX	2309N 08155W	0586		214	8
SANTA CRUZ DEL NORTE PORT	2309N 08155W	0586		214A	8
MARIEL PORT FACILITIES TWO WHARVES ADDED. ONE IS NW OF MARANTE NO 1 AT LA BOCA AND ONE IS AT MARANTE, BOTH ARE USED FOR DRY CARGO. THERE IS EXTENSIVE OPEN STORAGE OF DRY CARGO AT NEW WHARF AT MARIEL. NAVAL VESSELS--1 PROB TRAINING SHIP. MERCHANT VESSELS--2 STACK-AFT FREIGHTERS (1 DRY CARGO), 2 FREIGHTERS (DRY CARGO), AND 1 COASTAL PASSENGER VESSEL.	2301N 08245W	0586		117	8
BOCA RIO BANES PORT FACILITIES JUST W OF HAVANA.	2302N 08238W	0586		23	8
HAVANA PORT FACILITIES 1 PASSENGER SHIP AND 16 MERCHANT VESSELS, INCLUDING 9 FREIGHTER-TRANSPORT SHIPS (1 UNDER WAY), 3 FREIGHTERS, 3 STACK-AFT	2308N 08221W	0586		86	8

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
CARGO SHIPS, AND 1 STACK-AFT TANKER. ALSO, NUMEROUS LIGHTERS, HARBOR CRAFT, AND SMALL CRAFT. (NOTE--NAVAL VESSELS REPORTED UNDER HAVANA NAVAL ARSENAL, CASA BLANCA).					
HAVANA URBAN COMPLEX	2309N 08222W	0586		86A2	8
GUANABO URBAN COMPLEX	2310N 08208W	0586		83A	8
COJIMAR URBAN COMPLEX NO MILITARY ACTIVITY OBSERVED AT THIS LOCATION.	2310N 08217W	0586		53	8
PROB NEW HOUSING AREA, NEAR SIGUANEA AFLD ISLE OF PINES. THIS INSTALLATION CONSISTS OF TWO PROBABLE HOUSING SITES. ONE SITE IS IN A VERY EARLY STAGE OF CONSTRUCTION. THE APPARENT BUILDING FOUNDATION PATTERN AND ISOLATED LOCATION SUGGEST ITS ULTIMATE USE MAY BE FOR DETENTION OF POLITICAL PRISONERS. THE OTHER SITE, PREVIOUSLY REPORTED BY NAVY, PARTIALLY OVERGROWN, AND APPEARS ABANDONED.	2139N 08256W	0586		190C	0
SANTA CLARA AREA, U/I FACILITY 3 NM S OF SANTA CLARA. FACILITY CONSISTS OF 2 GABLE-ROOFED BLDGS AND 2 POSSIBLE SILOS, LOCATED AT THE END OF A DIRT ROAD BRANCHING OFF THE SANTA CLARA - MATAGUA ROAD 3 NM S OF SANTA CLARA.	2220N 07958W	0586		177H	0
PRESIDENTIAL PALACE & CAPITOL BUILDING	2308N 08221W	0586		86X	0

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
TOP SECRET

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
PINAR DEL RIO MICROWAVE SITE NO MICROWAVE WAS NOTED IN THIS VICINITY. THERE IS A PROBABLE MICROWAVE TOWER AT 22-25-32N 83-41-10W AND POSSIBLE MICROWAVE AT 22-25-28N 83-41-05W.	2225N 08343W	0587		32A	2A
MINAS DE MATAHAMBRE MICROWAVE STATION .5 NM E OF MINAS DE MATAHAMBRE.	2235N 08356W	0587		26A	2A
CONSOLACION DEL NORTE, MICROWAVE STATION MICROWAVE TOWER, ONE U-SHAPED PROBABLE ADMINISTRATION BUILDING, AND ONE BUILDING WHICH PROBABLY CONTAINS ELECTRONIC EQUIP.	2244N 08333W	0587		46	2A
LOS ARROYOS, MICROWAVE STATION MICROWAVE TOWER AND ASSOCIATED BUILDING.	2220N 08422W	0587		22B	2A
DIMAS AREA, MICROWAVE STATION .2 NM SSE OF DIMAS. MICROWAVE TOWER AND ASSOCIATED BUILDING.	2227N 08414W	0587		42A	2A
SAN ANTONIO DE LOS INDIOS AFLD ISLE OF PINES. 3,300 X 250 FT N/S SOD LANDING STRIP. ABANDONED.	2144N 08302W	0587		52	3
CAYUCO AFLD NO AIRFIELD LOCATED AT THESE COORDINATES.	2158N 08412W	0587		8	3
LA COLOMA LANDING FIELD 3 NM NW OF LA COLOMA. 2,400 FT NE/SW SOD RUNWAY. STRIP APPEARS ABANDONED AND MAY HAVE SMALL BUSHES GROWING ON ONE END.	2215N 08337W	0587		16	3
LA COLOMA LANDING STRIP 2 4 NM NW OF LA COLOMA. 2,200 X 50 APPROX FT SOD RUNWAY. RUNWAY BEING OVERGROWN BY VEGETATION. COULD BE USED BY LIGHT LIAISON- TYPE AIRCRAFT.	2217N 08338W	0587		16A	3

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
BATEY AFLD 3,275 X 140 FT SOD RUNWAY. 2,000 X 120 FT SOD RUNWAY.	2221N 08324W	0587		4	3
BATEY NORTHEAST AFLD 4.5 NM NE OF BATEY. 2,300 X 250 FT SOD LANDING AREA.	2224N 08320W	0587		4A	3
BATEY NORTHWEST AIRFIELD 4.5 NM NNW OF BATEY. AIRFIELD APPARENTLY ABANDONED.	2225N 08326W	0587		4B	3
PINAR DEL RIO AFLD 1 NM ENE OF PINAR DEL RIO. 3,500 X 100 FT ENE/WSW BLACKTOP RUNWAY. FACILITIES INCLUDE ONE HANGAR WITH ASSOCIATED APRON, TWO PARKING APRONS, ONE WARMUP APRON, AND AN ADMIN BLDG. ONE POSSIBLE LIAISON-TYPE ACFT IN HANGAR AREA.	2225N 08341W	0587	25X1		3
PUERTO DEL GUARDIERO AFLD 3,500 X 125-170 FT E/W SOD RUNWAY.	2228N 08318W	0587		33	3
CONSOLACION DEL SUR AFLD 2 NM SE OF CONSOLACION DEL SUR. SMALL UTILITY FIELD, ABANDONED.	2228N 08329W	0587		10	3
LA FRANCIA AFLD 2,300 X 90 FT E/W SOD RUNWAY. SHED-ROOF AIRCRAFT SHELTER 50 X 30 FT NEAR NE END OF RUNWAY.	2232N 08313W	0587		19	3
SANTA LUCIA AFLD JUST E OF SANTA LUCIA. 2,900 X 150 FT NE/SW SOD RUNWAY. 1,900 X 80 FT NW/SE SOD RUNWAY. AIRFIELD IS SERVICEABLE. NO AIRCRAFT OBSERVED.	2240N 08358W	0587		37	3

25X1

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**TOP SECRET** [redacted]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
VERRACOS LANDING FIELD 1,500 X 90 FT E/W SOD RUNWAY. FIELD NOT POSITIVELY IDENTIFIED. AREA MEASURED IS PROBABLY AIRSTRIP REPORTED TO EXIST. COULD BE USED FOR LIGHT LIAISON-TYPE AIRCRAFT.	2247N 08338W	0587		40	3
LA MULATA AFLD 2.5 NM W OF LA MULATA. 3,300 X 120 FT N/S SOD RUNWAY. ONE T-SHAPED HANGAR 30 X 30 FT AT SE END OF RUNWAY. N END OF RUNWAY PARTIALLY OVERGROWN.	2252N 08325W	0587		20	3
BAHIA HONDA AFLD SOD RUNWAY. FIELD DOES NOT APPEAR SERVICEABLE. VEGETATION IS GROWING ON THE LANDING STRIP.	2256N 08311W	0587		3A	3
BAHIA HONDA SEAPLANE STATION RAMP APPEARS SERVICEABLE.	2256N 08311W	0587	[redacted]	25X1	3
ALTURAS AFLD 3 NM NNE OF ALTURAS. FIELD ABANDONED. NE END OF RUNWAY OVERGROWN WITH VEGETATION.	2256N 08316W	0587		1	3
LA FE SEAPLANE STATION 1 NM N OF LA FE PORT AREA.	2202N 08416W	0587		18B	3
LA FE AREA, SAN JULIAN AFLD 5.5 NM ENE OF LA FE. 7,000 X 150 FT N/S BLACKTOP RUNWAY, 7,000 X 150 FT NE/SW BLACKTOP RUNWAY. AIRCRAFT--1 PROBABLE SEA FURY, 1 DERELICT.	2206N 08409W	0587	[redacted]	18	3
LAGUNA DEL ALGODONAL, LANDING STRIP 2 NM NNE OF LAGUNA DEL ALGODONAL. 1,500 X 80 FT E/W SOD-DIRT RUNWAY.	2209N 08417W	0587		54	3

25X1

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TOP SECRET

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
CLAVELLINAS AFLD NO 1 NO AIRFIELD LOCATED AT THESE COORDINATES.	2214N 08422W	0587		9	3
CAPE SAN ANTONIO - CAPE CORRIENTES AREA NAVAL TARGET AREA. NO UNUSUAL ACTIVITY, NO SHIPPING, NO CONSTRUCTION OBSERVED.	2150N 08440W	0587		6	4X
LA ZONA, FORT SAN FERNANDO 5 NM NW OF LA ZONA.	2258N 08309W	0587		51A	4
SAN ANTONIO DE LOS INDIOS, POL	2144N 08302W	0587		52A	5C
PINA DEL RIO, U/I LIGHT INDUSTRY 1 NM NNE OF PINAR DEL RIO. PLANT HAS FOUR SAW-TOOTH-ROOFED BLDGS, ONE WAREHOUSE, AND OPEN STORAGE.	2226N 08341W	0587		32C	6Q
MESTANZA AREA, MINING ACTIVITY 12 NM NW PINAR DEL RIO. MINING ACTIVITY LOCATED AT THE FOLLOWING COORDINATES - 2228N 08351W, AND 2226N 08351W.	2227N 08347W	0587		27	6A
LA FRANCIA SUGAR MILL	2231N 08313W	0587		19A	6J
MINAS DE MATAHAMBRE, COPPER MINES AND MILL	2235N 08356W	0587		26	6J
MINAS DE MATAHAMBRE, U/I ORE PROCESSING 3 ORE-PROCESSING BUILDINGS.	2235N 08357W	0587		26B	6J
MINAS DE MATAHAMBRE, MONO PYRITES MINE 2 NM NE OF MINAS DE MATAHAMBRE.	2236N 08355W	0587		28	6A
MORA BARITE MINE CANNOT BE LOCATED.	2237N 08353W	0587		29	6A
MINAS DE MATAHAMBRE AREA, MINING ACTIVITY 9 NM NE OF MINAS DE MATAHAMBRE.	2238N 08347W	0587		26C	6

25X1

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Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7

25X1

PAR 593-60/2

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
SANTA LUCIA, U/I INDUSTRY AT NW EDGE OF TOWN. INDUSTRY PROBABLY ASSOCIATED WITH COPPER MINES AND MILL LOCATED 7 NM S OF SANTA LUCIA PORT. INSTALLATION HAS 5 LARGE BLDGS, STACK, AND NUMEROUS ASSOCIATED SMALL BLDGS.	2240N 08358W	0587		37B	6
SAN CRISTOBAL SUGAR MILL 2.5 NM SE OF SAN CRISTOBAL.	2241N 08301W	0587		41	6J
NIAGARA SUGAR MILL	2249N 08331W	0587		30	6J
BUENAVISTA, CARBONERA COPPER MINE & MILL NOT LOCATED IN THIS AREA.	2254N 08310W	0587		5	6J
BAHIA HONDA SUGAR MILL	2255N 08312W	0587		3C	6J
OROZCO SUGAR MILL	2258N 08302W	0587		31	6J
LA ARGENTIFERA LEAD-ZINC MINE AND SMELTER	2209N 08401W	0587		15	6A
LOS CIEGOS COPPER MINE (ABANDONED)	2218N 08422W	0587		24	6A
LOS ARROYOS IRON ORE MINE MINE NOT LOCATED.	2221N 08422W	0587		22	6A
DORA COPPER MINE AND MILL	2223N 08406W	0587		12	6J
SAN FRANCISCO COPPER MINE AND MILL	2227N 08402W	0587		35	6J
PINAR DEL RIO POWER PLANT JUST S OF PINAR DEL RIO.	2224N 08342W	0587		32B	7E
SANTA LUCIA, POWER PLANT	2240N 08358W	0587		37C	7
EL CAYUCO URBAN COMPLEX	2159N 08413W	0587		8A	8

25X1

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7  
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25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbi
			BE	OAR	
PUNTA DE CARTAS PORT FACILITIES	2210N 08350W	0587		43	8
LA COLOMA PORT FACILITIES	2214N 08334W	0587		16B	8
PINAR DEL RIO URBAN COMPLEX	2225N 08343W	0587		32D	8
SANTA LUCIA PORT FACILITIES	2240N 08358W	0587		37A	8
SEBORUCO URBAN COMPLEX NO MILITARY ACTIVITY OBSERVED IN THIS AREA.	2242N 08322W	0587		38	8
LA ESPERANZA PORT FACILITIES	2246N 08344W	0587		17	8
VERRACOS PORT ONE LONG OFFSHORE PIER AND 4 BOATS.	2247N 08338W	0587		40A	8
PAJARITO PORT .5 NM N OF PAJARITO. FOUR PIERS AND 25 BLDGs. ONE BOAT IN THE PORT.	2249N 08335W	0587		47	8
BAHIA HONDA PORT FACILITIES	2255N 08311W	0587		3B	8
BAHIA HONDA URBAN COMPLEX	2255N 08312W	0587		3	8
MORRILLO PORT FACILITIES PORT HAS 10 PIERS. 22 BOATS OBSERVED. LA ALTURA, .8 NM NE, HAS ONE PIER.	2256N 08318W	0587		48	8
LA ZONA PORT WHARF AND PORTAL CRANE. ORE SHIP OBSERVED LOADING/UNLOADING.	2258N 08308W	0587		51	8
LA CAOBA PORT 2 NM NE OF LA CAOBA. WHARVES, PORTAL CRANE, CONVEYER LOADER, TWO BOATS, ONE IN THE WATER AND ONE OUT OF THE WATER.	2258N 08310W	0587		50	8

25X1

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25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
LA FE PORT FACILITIES	2202N 08416W	0587		18A	8
CORTES PORT FACILITIES	2203N 08400W	0587		7	8
MANTUA URBAN COMPLEX NO ESTABLISHED MILITARY CAMP NOTED IN AREA.	2217N 08417W	0587		25	8
LOS ARROYOS PORT FACILITIES 17 SMALL SHIPS ARE IN THE HARBOR AND 9 OTHER VESSELS ARE IN AN INLET .4 NM NE OF THE PIERS.	2222N 08422W	0587		22A	8
DIMAS PORT FACILITY ONE LONG PIER AND ONE SHORT PIER. SEVEN SMALL BOATS. ROAD SERVED.	2229N 08414W	0587		42	8
RIO DE MEDIO, PORT FACILITIES	2237N 08405W	0587		53	8
VINALES AREA, POSSIBLE MINING	2237N 08342W	0587		55	0
GOBERNADORA POINT LIGHTHOUSE	2259N 08313W	0587		49	0
SAN FRANCISCO AREA, U/I CONSTRUCTION .4 NM NNW OF SAN FRANCISCO COPPER MINE.	2229N 08403W	0587		35A	0

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
LEEWARD POINT AFLD 2 NM W OF GUANTANAMO NAVAL BASE. 8,000 X 200 FT E/W CONCRETE RUNWAY. AIRCRAFT--1 POSSIBLE P2V, 14 PROBABLE F8U, 2 POSSIBLE FJ, 3 U/I SINGLE ENGINE.	1954N 07512W	0647		25X1 2	3
GUANTANAMO BAY NAVAL AIR STATION	1955N 07510W	0647		4	3
GUANTANAMO, MC CALLA FIELD 4,850 X 300 FT N/S ASPHALT RUNWAY. 1,900 X 200 FT E/W ASPHALT RUNWAY. AIRCRAFT--ONE DOUGLAS AD, 4 CONVAIR R4Y, ONE POSS AIRCRAFT.	1955N 07510W	0647		4A	3
SANTIAGO DE CUBA AREA, ANTONIO MACEO AFLD 3.4 NM SSW OF SANTIAGO DE CUBA. 7,000 X 200 FT E/W BLACKTOP RUNWAY. 4,900 X 150 FT N/S BLACKTOP RUNWAY. THE N/S RUNWAY HAS BEEN COMPLETED, NEW HANGAR PRESENT. AIRCRAFT--1 POSSIBLE DC-3, 1 POSSIBLE C-45, 2 POSSIBLE L-20, 1 POSSIBLE PIPER CUB.	1958N 07550W	0647		9	3
DAIQUIRI BEACH DEFENSES NONE OBSERVED.	1956N 07538W	0647		3B	4B
SIBONEY BEACH DEFENSES NONE OBSERVED.	1958N 07543W	0647		11	4B
BOQUERON POL STORAGE 1 NM SE OF CAIMANERA. ONE LARGE POL TANK.	1958N 07509W	0647		2	5C
BOQUERON POL STORAGE 1.5 NM ESE OF CAIMANERA. 2 TANKS REMOVED, BUT 2 NEW TANKS ADDED, ADDITIONAL BLDGS.	1959N 07507W	0647		2A	5C
CAIMANERA AREA, POL STORAGE 1 NM SSE OF CAIMANERA.	1959N 07509W	0647		15	5C

25X1

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TOP SECRET [REDACTED]

25X1

PAR 593-60/Z

City, Installation	Coordinates	WAC	Target Numbers		Sbj
			BE	OAR	
PILON AREA, CABO CRUZ SUGAR MILL	1954N 07720W	0647		6A	6J
SANTIAGO DE CUBA CEMENT PLANT 1.9 NM SW OF SANTIAGO DE CUBA. INSTALLATION INCLUDES LIMESTONE QUARRIES, NUMEROUS BLDGS, AND ALONGSHORE WHARF FOR SHIPS.	2000N 07551W	0647		10	6J
DAIQUIRI PORT FACILITIES ONE PIER AND SHORT LANDING BEACH.	1955N 07539W	0647		3A	8
PILON PORT FACILITIES	1954N 07719W	0647		6B	8

25X1

SUBJECT INDEX  
ELECTRONICS

BAUTA AREA, COMMUNICATION STATION U/C	16
CAMAGUEY RADIO STATION	15
CAMAGUEY RADIO STATION	15
CAMAGUEY, PROBABLE RADIO STATION	15
CANASI, MICROWAVE STATION	17
CIESO COROJO MICROWAVE STATION	15
COLISEO, MICROWAVE TOWER	16
COLON AREA, RADIO STATION	16
CONSOLACION DEL NORTE, MICROWAVE STATION	53
DIMAS AREA, MICROWAVE STATION	53
FLORIDA MICROWAVE STATION	15
HAVANA AREA, RADIO STATION	17
HAVANA AREA, RADIO TRANSMITTING STATION	16
HAVANA, ARMED FORCES MICROWAVE SYSTEM	18
HAVANA, CIUDAD MILITAR MICROWAVE SITE	18
HAVANA, MICROWAVE STATION	17
HAVANA, RADIO STATION	18
HERSHEY CENTRAL, COMMUNICATIONS SITE	17
HOLGUIN MICROWAVE SITE	1
JATIBONICO RADIO STATION	15
LOS ARROYOS, MICROWAVE STATION	53
MADRUGA, MICROWAVE RELAY STATION	16
MANATI MICROWAVE STATION	1
MARCHENA AREA, PROBABLE RADIO STATION	15
MATANZAS MICROWAVE SITE	16
MATANZAS, PROBABLE MICROWAVE TOWER	16
MINAS DE MATAHAMBRE MICROWAVE STATION	53
PALMA SORIANO MICROWAVE STATION	1
PINAR DEL RIO MICROWAVE SITE	53
RADIO STATION, LA CABANA, HAVANA	18
SANTA CLARA MICROWAVE SITE	15
SANTA CLARA RADIO STATION	15

PAR 593-60/Z

SANTIAGO DE CUBA MICROWAVE SITE	1
VICTORIA DE LAS TUNAS, RADIO STATION	1
VICTORIA DE LAS TUNAS, RADIO STATION	1

AIRFIELDS

AGUADA DE PASAJEROS AFLD	27
AGUADA DE PASAJEROS NORTHEAST AFLD	27
ALTURAS AFLD	55
AMORILLAS AFLD	27
ANDREITA AFLD	26
ANDRES AIRSTrip	28
ANTILLA AFLD	3
ANTILLA SEAPLANE STATION	4
BACURANAO AFLD	31
BAGUANOS AFLD	6
BAHIA HONDA AFLD	55
BAHIA HONDA SEAPLANE STATION	55
BANES AFLD	4
BARACOA AFLD	31
BARAGUA AFLD	22
BATEY AFLD	54
BATEY NORTHEAST AFLD	54
BATEY NORTHWEST AIRFIELD	54
BAYAMO AFLD	4
BAYAMO AFLD NO 2	4
BAYAMO AREA, NEW AFLD	4
BAYAMO NORTHEAST AFLD	4
CAIBAREN AFLD	26
CAIBARIEN CAYO FRANCES SEAPLANE STATION	26
CALABAZAS AIRSTrip	2
CAMAGUEY INTERNATIONAL AFLD	21
CAMPACHUELA AFLD	18
CARDENAS BAY AREA, AFLD	30
CARDENAS BAY SEAPLANE STATION	30
CAYO GUAJABA LANDING FIELD	21
CAYO JICOTEA LANDING FIELD	19

PAR 593-60/Z

CAYO MAMBI AFLD	3
CAYUCO AFLD	53
CEBOLLA NEW AFLD	3
CENTRAL AGRAMONTE AFLD	22
CENTRAL ARAUJO AFLD	27
CENTRAL JOBABO AFLD	19
CENTRAL MERCEDES AFLD	27
CENTRAL SAN AGUSTIN AFLD	27
CENTRAL TRINIDAD LANDING FIELD	23
CENTRAL ULACIA AFLD	27
CIEGO COROJO, POSS NEW AFLD	22
CIEGO DE AVILA AFLD	23
CIEGO DE AVILA AFLD NO 2	23
CIENFUEGOS JAIME GONZALES AFLD	26
CIENFUEGOS SEAPLANE STATION	26
CLAVELLINAS AFLD NO 1	56
COLON AFLD	28
CONSOLACION DEL SUR AFLD	54
CONSTANCIA AFLD	26
CUETO AFLD	3
CUNAGUA AFLD	25
CUPEY AFLD	6
DELICIAS AFLD	7
DOMINGO ROSILLO SEAPLANE STATION	31
EL ORIENTE LANDING FIELD	20
FALLA (CENTRAL ADELAIDA) AFLD	25
FELIPE AREA, POSS NEW LANDING GROUND	28
FOMENTO AFLD	25
FRANCISCO AFLD	19
FRAZEDAS AFLD	22
GALBIS LANDING FIELD	20
GOMEZ MENA AFLD	29
GUAIMARO LANDING FIELD	20
GUAMO EMBARCADERO AFLD	5
GUANARES LANDING FIELD	19
GUANTANAMO AREA, TENIENTE MORLOTE AFLD	2
GUANTANAMO BAY NAVAL AIR STATION	60

25X1

PAR 593-60/2

GUANTANAMO, MC CALLA FIELD	60
GUAYACANES AFLD	23
HAVANA, CAMPO LIBERTAD AFLD	31
HAVANA, JOSE MARTI INTERNATIONAL AFLD	30
- HOLGUIN AFLD	6
HOLGUIN, GRAVE B. PERALTA AFLD	6
IMIAS AFLD	1
JAGUEY GRANDE AFLD	28
JAGUEY GRANDE SW AFLD	28
JATIBONICO AFLD	23
JATIBONICO, SOD LANDING STRIP	23
JOBABO LANDING STRIP	19
LA CAMPANA AIRSTRIP	2
LA COLOMA LANDING FIELD	53
LA COLOMA LANDING STRIP 2	53
LA FE AREA, SAN JULIAN AFLD	55
LA FE SEAPLANE STATION	55
LA FRANCIA AFLD	54
LA MATILDA AFLD	19
LA MULATA AFLD	55
LAGUNA DE LECHE AIRFIELD	25
LAGUNA DEL ALGODONAL, LANDING STRIP	55
LEEWARD POINT AFLD	60
LENGUA DE PAJAROS (NICARO) AIRFIELD	3
LOS CANOS AFLD	2
LOS INDIOS AREA, SIGUANEA AFLD	24
LUGARENO LANDING FIELD	21
MACARENO LANDING FIELD	19
MANACAS AFLD	27
MANACAS AREA, SOD LANDING STRIP	27
MANAGUA AFLD	30
MANATI CENTRAL AFLD	7
MANGUITO AREA, U/I LANDING STRIP	27
MANZANILLO AFLD	18
MANZANILLO SEAPLANE STATION	18
MARCANE AIRSTRIP	3
MARIEL NAVAL AIR STATION	30

25X1

TOP SECRET

PAR 593-60/Z

MARIEL, PARLA CUBAN NAVAL AIR BASE	31
MARTI AFLD	20
MARTI CENTRAL GUIPUZCOA AFLD	28
MATA AIRSTRIP	26
MATANZAS (PEPE BARRIENTOS) AFLD	30
MAYARI, NEW AFLD	3
MENENDEZ AFLD	30
MIRANDA AFLD	2
MOA BAY MINING CO AFLD	1
MORON LANDING FIELD	25
NELA AFLD	25
NIQUERO AFLD	18
NUEVA GERONA COLONEL MARTIN MARRERRO AFLD	24
NUEVA GERONA PRESIDIO MODELO LANDING FIELD	24
NUEVITAS LANDING FIELD	21
NUEVITAS SEAPLANE STATION	21
NUEVITAS, U/I AFLD	21
PALMA SORIANO AREA, CENTRAL PALMA AFLD	4
PALMARITO, NEW AFLD	22
PALO DE DIABLO AIRSTRIP	6
PASO LA YAYA AREA, NEW AFLD	5
PASO LA YAYA AREA, U/I AFLD	5
PASO LA YAYA AREA, WEST AFLD	5
PASO VIEVO LANDING FIELD	23
PASTOR LANDING FIELD	4
PEDRO BETANCOURT, LANDING FIELD	29
PEDRO BETANCOURT, PROBABLE LANDING STRIP	29
PERICO (CENTRAL ESPANA) AFLD	29
PINA AREA, LANDING FIELD	25
PINAR DEL RIO AFLD	54
PLACETAS AREA, FINCA PLACETAS AFLD	25
PRESTON AFLD	3
PUERTO DEL GUARDIERO AFLD	54
PUNTA ALEGRE AFLD	25
REDENCION LANDING FIELD	20
RIO CAUTO, NEW AIRFIELD	5
ROBAINA GONZALEZ AFLD	5

25X1

PAR 593-60/Z

SAETIA AFLD	3
SAGUA LA GRANDE AFLD	28
SAN AGUSTIN AREA, LANDING FIELD	22
SAN AGUSTIN AREA, LANDING FIELD	22
SAN ANTONIO DE LOS BANOS AFLD	29
SAN ANTONIO DE LOS BANOS AFLD NORTH	29
SAN ANTONIO DE LOS INDIOS AFLD	53
SAN BENITO AREA LANDING FIELD	2
SAN FRANCISCO DE LAS CABEZADAS, NEW AFLD	19
SAN GERMAN AFLD	5
SAN JERONIMO LANDING FIELD	21
SAN JOSE DE LOS RAMOS LANDING FIELD	28
SAN JUAN NEPOMUCENO LANDING FIELD	22
SAN MIGUEL LANDING FIELD	21
SAN PEDRO DE CACOCUM AREA, POSSIBLE AFLD U/C	5
SANCTI SPIRITUS AFLD	24
SANTA CLARA AFLD	26
SANTA CLARA, NEW AFLD	26
SANTA FE AFLD	24
SANTA FE AIRFIELD	24
SANTA FE PUNTA DE PIEDRAS SEGUNDO AFLD	24
SANTA LUCIA AFLD	54
SANTA LUCIA CENTRAL AREA, SANTA LUCIA AFLD	7
SANTA LUCIA LANDING FIELD	20
SANTA LUCIA NORTH AFLD	7
SANTA LUCIA SOUTH AFLD	6
SANTA MARTA AFLD	20
SANTA RITA LANDING FIELD	29
SANTA ROSA, AFLD	4
SANTE FE, LOMA DAGUILA AIRFIELD	24
SANTIAGO DE CUBA AFLD	1
SANTIAGO DE CUBA AREA, ANTONIO MACEO AFLD	60
SANTIAGO DE CUBA SEAPLANE STATION	1
SAO COROJO, NEW AFLD	19
SENADO AFLD	21
SILVEIRA AREA, STEWART LANDING FIELD	22
TASAJERAS AREA, LANDING FIELD	20

PAR 593-60/Z

VARADERO, CORONEL PASCUAL AFLD	30
VEGAS AFLD	29
VERRACOS LANDING FIELD	55
VICTORIA DE LAS TUNAS AFLD	6
VICTORIA DE LAS TUNAS, LANDING STRIP	6
VIGIL LANDING FIELD	20
VIOLETA, BOYDEN AFLD	23
YARA (CENTRAL SOFIA) AIRFIELD	4
ZAZA DEL MEDIO AFLD	24

## MILITARY INSTALLATIONS

BAHIA DE CABANAS AREA	32
CAMAGUEY, PROBABLE MILITARY GARRISON	31
CAPE SAN ANTONIO - CAPE CORRIENTES AREA	56
CIENFUEGAS NAVAL STATION	32
DAQUIRI BEACH DEFENSES	60
GUANAJAY AREA, INSTITUTO CIVICO MILITAR	32
HAVANA AREA, CASTILLO DE MORRO OFFICERS SCHOOL	33
HAVANA AREA, MILITARY DEFENSES	33
HAVANA NAVAL ARSENAL (CASA BLANCA)	33
HAVANA NAVAL ENLISTED TRAINING CENTER	33
HAVANA, CASTILLO DE PRINCIPE	33
HAVANA, LA CABANA	33
HAVANA, SAN ANTONIO NAVAL ARSENAL	33
HOLGUIN MILITARY DEFENSES	7
HOLGUIN RIFLE RANGE	7
ISLE OF PINES MILITARY ACTIVITY	31
LA ZONA, FORT SAN FERNANDO	56
MANAGUA MILITARY RESERVATION	32
MANZANILLO MILITARY DEFENSES	7
MARIEL NAVAL AMMO STORAGE	32
MARIEL, NAVAL ACADEMY	32
MATANZAS PORT & NAVAL ACTIVITY	32
SAN LUIS MILITARY ACTIVITY	7
SIBONEY BEACH DEFENSES	60
SIERRA MAESTRA MILITARY ACTIVITY	7

PAR 593-60/Z

STORAGE

ANTILLA POL STORAGE	8
ANTILLA POL STORAGE (SINCLAIR)	8
BANES, STORAGE AREA	8
BOQUERON POL STORAGE	60
BOQUERON POL STORAGE	60
CAIMANERA AREA, POL STORAGE	60
CAMAGUEY POL STORAGE	33
CAMAGUEY POL STORAGE	33
CARDENAS POL STORAGE	34
CIENFUEGOS POL STORAGE (ESSO STANDARD OIL)	34
CIENFUEGOS POL STORAGE (SINCLAIR)	34
CIENFUEGOS POL STORAGE (TEXACO)	34
GUANTANAMO POL STORAGE	8
HAVANA POL STORAGE	34
HAVANA POL STORAGE (SINCLAIR)	34
HOLGUIN STORAGE AREA	8
LA ISABELA (ISABELA DE SAGUA) POL STORAGE	34
MANAGUA EXPLOSIVES-STORAGE AREA	34
MATANZAS POL STORAGE (RAYONERA CUBANA)	34
MATANZAS POL STORAGE (TEXACO)	34
NUEVITAS POL STORAGE (ESSO STANDARD)	33
NUEVITAS POL STORAGE (SINCLAIR)	33
NUEVITSA AREA, POL STORAGE FERROCARRILES	34
PINA, POL STORAGE	34
PRESTON POL STORAGE	8
PUERTO MANATI POL STORAGE	8
PUERTO PADRE POL STORAGE	8
PUERTO TARAFA, POL STORAGE	34
SAGUA DE TANAMO, POL STORAGE	8
SAN ANTONIO DE LOS INDIOS, POL	56
SAN PEDRO DE CACOCUM POL STORAGE	8
SANTIAGO DE CUBA POL STORAGE	7
SANTIAGO DE CUBA POL STORAGE	8
SANTIAGO DE CUBA, SHELL POL STORAGE	8

25X1

TOP SECRET

INDUSTRY

AGRAMONTE, UNION SUGAR MILL	42
AGUACATE, ROSARIO SUGAR MILL	43
ALGODONAL SUGAR MILL	9
AMAZONAS SUGAR MILL	36
AMISTAD SUGAR MILL	44
ANTONIO PYRITES MINE	37
ARAUJO SUGAR MILL	41
ARTEMISA AREA, ANDORRA SUGAR MILL	44
ARTEMISA AREA, PILAR SUGAR MILL	44
ARTEMISA AREA, SANTA THERESA LIME PLANT	44
ARTEMISA CEMENT PLANT	44
BAGUANOS SUGAR MILL	11
BAHIA HONDA SUGAR MILL	57
BAIRE AREA, ERMITA SUGAR MILL	9
BANAGUISES AREA, ALAVA SUGAR MILL	41
BARAGUA SUGAR MILL	36
BAUTA AREA, ARIGUANABO TEXTILE PLANT	44
BUENA VISTA AREA, ADELA SUGAR MILL	38
BUENAVISTA, CARBONERA COPPER MINE & MILL	57
CABAIGUAN OIL REFINERY	37
CAIBARIEN AREA, REFORMA SUGAR MILL	38
CALABAZAR DE SAGUA AREA, PURIO SUGAR MILL	39
CAMAJUANI SUGAR MILL	38
CAMPACHUELA AREA, DOS AMIGOS SUGAR MILL	35
CANASI, SUGAR MILL	46
CANETE AREA, POTOSI CHROME MINE	8
CARDENAS DISTILLERY PLANT	45
CAYO MAMBI AREA, TANAMO SUGAR MILL	10
CAYO-GUAM CHROMITE MINES	8
CESPEDES AREA, ESTRELLA SUGAR MILL	36
CESPEDES AREA, MINING ACTIVITY	36
CESPEDES SUGAR MILL	36
CESPEDES SUGAR MILL (PORFUERZA)	40
CHAPARRA SUGAR MILL	11
CHARCO REDONDO MANGANESE MINES	11

CIFUENTES AREA, UNIDAD SUGAR MILL	41
COLISEO AREA, CAROLINA SUGAR MILL	43
COLISEO AREA, SANTA AMALIA SUGAR MILL	43
CONCHITA, ATLANTICA DEL GOLFO SUGAR MILL	42
CONGOJAS AREA, PARQUE ALTO SUGAR MILL	40
CONSTANCIA AREA, MANUELITA SUGAR MILL	39
CONSTANCIA SUGAR MILL	39
CONTRAMAESTRO AREA, AMERICA SUGAR MILL	11
CORAZON DE JESUS SUGAR MILL	41
CORRAL NUEVO AREA, ELENA SUGAR MILL	45
CORRAL NUEVO GYPSUM QUARRY	45
CRUCES AREA, ANDREITA SUGAR MILL	40
CRUCES AREA, CARACAS SUGAR MILL	40
CRUCES AREA, MADERA TEXTILE PLANT	40
CRUCES AREA, SAN FRANCISCO SUGAR MILL	40
CRUCES AREA, SANTA CATALINA SUGAR MILL	40
CRUCES SUGAR MILL	40
CUNAGUA SUGAR MILL	37
DELICIAS SUGAR MILL	11
DORA COPPER MINE AND MILL	57
DOS CAMINOS AREA, BORJITA SUGAR MILL	9
EL COTORRO OIL REFINERY	46
EL COTORRO, ANTILLANA DE ACERO IRON & STEEL PT	46
EL GABRIEL AREA, FAJARDO SUGAR MILL	44
ENCRUCIJADA AREA, CONSTANCIA SUGAR MILL	39
ESPERANZA SUGAR MILL	9
ESTRELLA AREA, NAZABAL SUGAR MILL	39
FALLA AREA, ADELAIDA SUGAR MILL	37
FELTON, BETHLEHEM-CUBA IRON MINES	10
FLORIDA AREA, AGRAMONTE SUGAR MILL	36
FLORIDA SUGAR MILL	36
FOMENTO AREA, ESCAMBRAY SUGAR MILL	37
FOMENTO AREA, LEAD-ZINC MINE	37
FOMENTO AREA, SANTA ISABEL SUGAR MILL	37
FRANCISCO SUGAR MILL	35
GUANABO AREA, OIL FIELD	46
GUANTANAMO SALINAS (SEA SALT PRODUCER)	9

GUASIMAS AREA, DOS ROSAS SUGAR MILL	45
GUAYOS AREA, LA VEGA SUGAR MILL	37
GUINES AREA, PROVIDENCIA SUGAR MILL	44
HABANA SUGAR MILL	46
HATUEY AREA, NAJASA SUGAR MILL	35
HAVANA AREA, TOLEDO SUGAR MILL	46
HAVANA OIL REFINERY (ESSO)	46
HAVANA OIL REFINERY (SHELL)	46
HERSHEY SUGAR MILL	46
ISABEL SUGAR MILL	9
JARAHUECA OIL FIELD	38
JARAHUECA OIL FIELD & POL STORAGE	38
JARAHUECA OIL REFINERY	38
JARONU SUGAR MILL	35
JARUCO CEMENT PLANT	46
JATIBONICO OIL FIELD	36
JOBABO SUGAR MILL	35
JULIA AREA, MABAY SUGAR MILL	11
LA ARGENTIFERA LEAD-ZINC MINE AND SMELTER	57
LA BELONA AREA, BALTONY SUGAR MILL	9
LA FRANCIA SUGAR MILL	56
LAGUNILLAS AREA, POSS ORE-PROCESSING INDUSTRY	43
LAGUNILLAS AREA, PROGRESO SUGAR MILL	43
LIMONAR AREA, TRIUNFO SUGAR MILL	43
LIMONES SUGAR MILL	43
LOS ARABOS AREA, ZORILLA SUGAR MILL	41
LOS ARROYOS IRON ORE MINE	57
LOS CANOS SUGAR MILL	11
LOS CIEGOS COPPER MINE (ABANDONED)	57
LOS GUAOS, IRON-ORE MINE	39
LOS MANGOS PYRITES MINE	39
LUGARENO SUGAR MILL	35
MACABI AREA, BOSTON SUGAR MILL	10
MACARENO SUGAR MILL	35
MACEO SUGAR MILL	11
MADRUGA AREA, SAN ANTONIO SUGAR MILL	43
MADRUGA, OIL FIELD	43

MANATI SUGAR MILL	11
MARCANE, ALTO CEDRO SUGAR MILL	10
MARGET PYRITES MINE	45
MARIEL AREA, SAN RAMON SUGAR MILL	44
MARIEL CEMENT PLANT	46
MARTI AREA, GUIPUZCOA SUGAR MILL	42
MATA AREA, MACAGUA SUGAR MILL	39
MATA AREA, SANTA LUTGARDA SUGAR MILL	39
MATANZAS FERTILIZER PLANT	45
MATANZAS TEXTILE MILL	45
MATANZAS, NEW CHEMICAL PLANT	45
MAYARI AREA, CALEDONIA CHROMITE MINE	10
MAYRI AREA, WOODFRED MINES	10
MELENA DEL SUR AREA, MERCEDITA SUGAR MILL	44
MERCEDES SUGAR MILL	41
MERCEDITAS SUGAR MILL	45
MESTANZA AREA, MINING ACTIVITY	56
MINAS CHROME MINES	35
MINAS COPPER MINES	35
MINAS DE MATAHAMBRE AREA, MINING ACTIVITY	56
MINAS DE MATAHAMBRE, COPPER MINES AND MILL	56
MINAS DE MATAHAMBRE, MONO PYRITES MINE	56
MINAS DE MATAHAMBRE, U/I ORE PROCESSING	56
MINAS DE MOTEMBO NAPHTHA FIELD	41
MIRANDA SUGAR MILL	10
MOA BAY NICKEL MINING	8
MORA BARITE MINE	56
MORON AREA, PATRIA SUGAR MILL	37
NARCISA SUGAR MILL	38
NATIVIDAD SUGAR MILL	36
NELA SUGAR MILL	38
NIAGARA SUGAR MILL	57
NICARO NICKEL MINING AREA	10
NICARO NICKEL PLANT	10
OROZCO SUGAR MILL	57
PALMA SORIANO SUGAR MILL	10
PALMIRA AREA, HORMIGUERO SUGAR MILL	39

TOP SECRET [REDACTED]

PAR 593-60/Z

PALMIRA AREA, PORTUGALETE SUGAR MILL	40
PALO SECO, MINING AREA	35
PALOS AREA, JOSEFITA SUGAR MILL	43
PEDRO BETANCOURT AREA, SUGAR MILL	42
PEDRO BETANCOURT AREA, DOLORES SUGAR MILL	42
PEDROSO AREA, SOCORRO SUGAR MILL	42
PERICO AREA, ESPANA SUGAR MILL	42
PERSEVERANCIA SUGAR MILL	40
PILON AREA, CABO CRUZ SUGAR MILL	61
PINA AREA, MORON SUGAR MILL	37
PINA DEL RIO, U/I LIGHT INDUSTRY	56
PLACETAS AREA, SAN JOSE SUGAR MILL	38
PLACETAS AREA, ZAZA SUGAR MILL	38
PLAYA SANTA LUCIA SALT REFINERY	35
PRESTON SUGAR MILL	10
PUEBLO XAVIER ORIENTE SUGAR MILL	11
PUNTA ALEGRE GYPSUM QUARRY	37
PUNTA ALEGRE SUGAR MILL	37
QUINTO MANGANESE MINES	9
QUIVICAN AREA, OCCIDENTE SUGAR MILL	42
RANCHO VELOZ AREA, RAMONA SUGAR MILL	41
RANCHO VELOZ AREA, RESOLUCION SUGAR MILL	41
RANCHUELA AREA, SANTA MARIA SUGAR MILL	40
RANCHUELO AREA, SANTA ROSA SUGAR MILL	40
REMEDIOS MINE	38
RIO CAUTO SUGAR MILL	11
ROMELIE SUGAR MILL	9
ROSARIO AREA, COVADONGA SUGAR MILL	39
SAGUA LA GRANDE AREA, U/I MINING	41
SALVADOR SUGAR MILL	35
SAN ANDRES AREA, FIDENCIA SUGAR MILL	38
SAN ANTONIO SUGAR MILL	9
SAN CRISTOBAL SUGAR MILL	57
SAN FERNANDO COPPER MINE AND MILL	39
SAN FRANCISCO COPPER MINE AND MILL	57
SAN GERMAN SUGAR MILL	11
SAN IGNACIO SUGAR MILL	43

25X1

PAR 593-60/Z

SAN ISIDRO SUGAR MILL	41
SAN JOSE DE LAS LAJAS COPPER FABRICATION PLANT	44
SAN JOSE DE LAS LAJAS IRON & STEEL PLANT	45
SAN JOSE DE LAS LAJAS, INDUSTRIAL AREA	44
SAN JOSE DE LAS LAJAS, 2 NEW INDUSTRIAL PLTS	44
SAN JUAN DE LOS YERAS, PASTORA SUGAR MILL	40
SAN LUIS AREA, UNION SUGAR MILL	9
SAN NICOLAS DE BARI, GOMEZ MENA SUGAR MILL	42
SAN PEDRO DE CACOCUM SUGAR MILL	11
SANCTI SPIRITUS AREA, PROB MILK-PROCESSING PLT	36
SANCTI SPIRITUS AREA, TUINICU SUGAR MILL	37
SANTA ANA, AUZA SUGAR MILL	10
SANTA CECILIA SUGAR MILL	9
SANTA CLARA AREA, CARMITA SUGAR MILL	39
SANTA LUCIA ELIA SUGAR MILL	35
SANTA LUCIA SUGAR MILL	11
SANTA LUCIA, U/I INDUSTRY	57
SANTA MARIA DEL MAR, OIL FIELD	46
SANTA MARTA SUGAR MILL	35
SANTA RITA DE BARO SUGAR MILL	42
SANTIAGO DE CUBA CEMENT PLANT	61
SANTIAGO DE CUBA OIL REFINERY	8
SANTO DOMINGO AREA, SUGAR MILL MARIA ANTONIA	40
SANTO DOMINGO SUGAR MILL	43
SENADO SUGAR MILL	35
SIGUANEA TUNGSTEN MINES	37
SILVERIA AREA, STEWART SUGAR MILL	36
SITIECITO, SANTA TERESA SUGAR MILL	41
SOLEDAD SUGAR MILL	10
SOLEDAD SUGAR MILL	42
SOLEDAD, TRINSUCO SUGAR MILL	43
TACAJO AREA, SUGAR MILL	10
TANGUE, JAGUEY GRANDE SUGAR MILL	42
TINGUARO SUGAR MILL	41
TRINIDAD AREA, NEW PROBABLE CIGAR FACTORY	36
TRINIDAD SUGAR MILL	36
ULACIA SUGAR MILL	41

PAR 593-60/2

VARADERO AREA, U/I MINING	45
VEGA ALTA AREA, CARMITA SUGAR MILL	39
VERTIENTES SUGAR MILL	36
VIOLETA SUGAR MILL	36
VITORIA SUGAR MILL	38
WASHINGTON SUGAR MILL	41
YARA AREA, ESTRADA PALMA SUGAR MILL	10
YARA AREA, SOFIA SUGAR MILL	11
ZARZAL AREA, ESTRADA PALMA SUGAR MILL	11
ZULUETA AREA, SAN AGUSTIN SUGAR MILL	38
ZULUETA, SAN PABLO SUGAR MILL	38

BASIC SERVICES

BARAJAGUE AREA, HANABANILLA POWER PLANT	47
CAMAGUEY POWER PLANT	35
CHAPARRA POWER PLANT	12
CIEGO DE AVILA AREA, VICENTE POWER PLANT	47
CIEGO DE AVILA POWER PLANT	47
CIENFUEGOS, THERMAL POWER PLANT	47
CIENFUEGOS, THERMAL POWER PLANT	47
DELICIAS POWER PLANT	12
GASPAR TRANSFORMER STATION	47
GIBARA AREA, ROAD CONSTRUCTION	12
HAVANA HARBOR TUNNEL	48
HAVANA, PROBABLE THERMAL ELECTRIC POWER PLANT	48
HAVANA, REGLA POWER PLANT	48
HAVANA, TALLAPIEDRA POWER PLANT	48
HERSHEY POWER PLANT	47
MANZANILLO PROB POWER PLANT	47
MATANZAS POWER PLANT	47
MORON RR YARD AND REPAIR FACILITIES	47
PINAR DEL RIO POWER PLANT	57
SAN NICOLAS DE BARI, ELECTRIC PLANT	47
SANTA LUCIA, POWER PLANT	57
SANTIAGO DE CUBA POWER PLANT	12
SIBANICU, PROBABLE GRAVEL PIT	47

URBAN COMPLEXES

ANTILLA PORT FACILITIES	13
ARTEMISA URBAN COMPLEX	50
BAHIA CANANOVA PORT FACILITIES	12
BAHIA HONDA PORT FACILITIES	58
BAHIA HONDA URBAN COMPLEX	58
BANES PORT FACILITIES	13
BATABANO PORT FACILITIES	50
BAYAMO URBAN COMPLEX	13
BOCA GRANDE PORT FACILITIES	49
BOCA RIO BANES PORT FACILITIES	51
CABANAS PORT FACILITIES	51
CAIBARIEN PORT FACILITIES	49
CAMAGUEY URBAN COMPLEX	48
CAMPACHUELA PORT FACILITIES	48
CANETE BAHIA DE YAMANIGUEY PORT FACILITIES	12
CARAHATAS PORT FACILITY	50
CARDENAS PORT FACILITIES	51
CAYO MAMBI PORT FACILITIES	12
CENTRAL NELA PIER FACILITIES	49
CIENFUEGOS PORT FACILITIES	50
CIENFUEGOS URBAN COMPLEX	50
COJIMAR URBAN COMPLEX	52
CORTES PORT FACILITIES	59
DAIQUIRI PORT FACILITIES	61
DIMAS PORT FACILITY	59
EL CAYUCO URBAN COMPLEX	57
GIBARA PORT FACILITIES	13
GUANABO URBAN COMPLEX	52
GUANAJAY URBAN COMPLEX	50
GUANTANAMO URBAN COMPLEX	12
GUAYABAL PORT FACILITIES	48
GUINES URBAN COMPLEX	50
HAVANA PORT FACILITIES	51
HAVANA URBAN COMPLEX	52
HOLGUIN URBAN COMPLEX	13

PAR 593-60/Z

HOYO DE MANICARAGUA URBAN COMPLEX	50
KAWAMA, MARINA FOR SMALL CRAFT	51
LA CAOBA PORT	58
LA COLOMA PORT FACILITIES	58
LA ESPERANZA PORT FACILITIES	58
LA FE PORT FACILITIES	59
LA ISABELA PORT FACILITIES	50
LA ZONA PORT	58
LENGUA DE PAJAROS PORT FACILITIES	13
LOS ARROYOS PORT FACILITIES	59
MANOPLA PORT FACILITIES	48
MANTUA URBAN COMPLEX	59
MANZANILLO PORT FACILITIES	48
MANZANILLO URBAN COMPLEX	48
MARIEL PORT FACILITIES	51
MATANZAS PORT FACILITIES	51
MORRILLO PORT FACILITIES	58
NIQUERO PORT FACILITIES	48
NUEVITAS PORT FACILITIES	48
NUEVO GERONA PORT FACILITIES	49
PAJARITO PORT	58
PALMA SORIANO URBAN COMPLEX	13
PALO ALTO PORT FACILITIES	49
PANCHITA PORT FACILITY	50
PILON PORT FACILITIES	61
PINAR DEL RIO URBAN COMPLEX	58
PLAYA CAIMITO PORT	50
PLAYA DEL CAJIO PORT	50
PLAYA PILOTO PORT	48
PRESTON PORT FACILITIES	13
PUERTO CAYO MOA PORT FACILITIES	12
PUERTO MANATI PORT FACILITIES	14
PUERTO PADRE PORT FACILITIES	14
PUERTO PADRE URBAN COMPLEX	13
PUERTO SAMA PORT FACILITIES	13
PUERTO VITA PORT FACILITIES	13
PUNTA ALEGRE PORT FACILITIES	49

PAR 593-60/Z

PUNTA CARENERITO PORT FACILITIES	13
PUNTA DE CARTAS PORT FACILITIES	58
PUNTA GORDA PORT FACILITIES	13
PUNTA-GORDA PORT FACILITIES	12
RIO DE MEDIO, PORT FACILITIES	59
SAGUA LA GRANDE URBAN COMPLEX	50
SALVADOR PORT FACILITIES	48
SAN ANTONIO DE LOS BANOS URBAN COMPLEX	50
SAN ANTONIO DEL SUR URBAN COMPLEX	12
SANCTI SPIRITUS URBAN COMPLEX	49
SANTA CLARA URBAN COMPLEX	49
SANTA CRUZ DEL NORTE PORT	51
SANTA CRUZ DEL NORTE URBAN COMPLEX	51
SANTA CRUZ DEL SUR PORT FACILITIES	48
SANTA LUCIA PORT FACILITIES	58
SANTA MARIA, PORT FACILITIES	49
SANTIAGO DE CUBA PORT FACILITIES	12
SANTIAGO DE CUBA URBAN COMPLEX	12
SEBORUCO URBAN COMPLEX	58
TUNAS DE ZAZA PORT FACILITIES	49
VERRACOS PORT	58
VITORIA PORT FACILITY	49

MISCELLANEOUS

CONTRAMAESTRE, BARRACKS AND STORAGE AREA	14
GOBERNADORA POINT LIGHTHOUSE	59
HOLGUIN CIVIC INSTITUTE	14
PRESIDENTIAL PALACE & CAPITOL BUILDING	52
PROB NEW HOUSING AREA, NEAR SIGUANEA AFLD	52
SAN FRANCISCO AREA, U/I CONSTRUCTION	59
SANTA CLARA AREA, U/I FACILITY	52
VINALES AREA, POSSIBLE MINING	59

## APPENDIX

### EXPLANATION OF COLUMN HEADINGS

Column headings used in the listing are as follows (reading from left to right):

City, Installation -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation name is followed by a capsule description, where appropriate.

Coordinates -- Coordinates are given to the nearest minute. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC -- This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Target Numbers -- The Target Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second column lists the installation number assigned by PIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is a PIC target numbered 0586-1 and a PIC target numbered 0585-1. In each instance, the PIC installation number is 1, but the installations appear on different WACs.

Subject Code (Sbj) -- The last column lists for each installation the subject code to which it has been assigned for recall purposes. The detailed subject code is as follows --

#### 1. MISSILE INSTALLATIONS

- a. Flight Test and Training
- b. Downrange Electronics and Impacts
- c. Airborne Missile Assembly and Loading Facilities
- d. Operational SAM Sites
- f. Operational SAM Support Facilities

- g. Operational SSM (under 2,500 nm) Sites
- h. Operational SSM (under 2,500 nm) Support Facilities
- j. Operational SSM (over 2,500 nm) Sites
- k. Operational SSM (over 2,500 nm) Support Facilities
- l. Operational AMM Sites
- m. Operational AMM Support Facilities

2. ELECTRONICS

- x. Complex
- a. Communications (Rhombics, Fishbones, microwave)
- b. Radio and TV Broadcast (vertical radiators, serpentines)
- c. Radio Astronomy (observatories)
- d. EW Radar and GCI (TOKEN, BAR LOCK)

3. AIRFIELDS

4. MILITARY INSTALLATIONS

- x. Post, Camp or Station (base)
- a. Training Areas
- b. Fortifications
- c. Depots, Yards and Docks

5. STORAGE

- x. Complex
- a. Special Weapons Storage
- b. BW/CW Storage
- c. Tanks and Reservoirs
- d. Warehouses
- e. Revetted Structures
- f. Earth-covered Structures
- g. Elevators, Bins and Silos
- h. Open Storage

25X1

6. INDUSTRY

- a. Extraction
- b. Extraction, Uranium/Rare Metals
- j. Processing
- k. Processing, Uranium/Rare Metals
- q. Fabrication

7. BASIC SERVICES

- a. Transportation, Road
- b. Transportation, Railroad
- c. Transportation, Inland Waterways
- d. Pipelines
- e. Electric Power (including transmission lines)
- f. Dams

8. URBAN COMPLEXES

9. RESEARCH/DEVELOPMENT

- a. Missiles (component)
- b. AE
- c. BW/CW
- d. Aircraft
- e. Electronics
- f. Astronautics

0. MISCELLANEOUS

Approved For Release 2007/05/11 : CIA-RDP78T05693A000300020001-7

**TOP SECRET**

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